



# STIC Search Report

## EIC 3600

STIC Database Tracking Number: 183957

**TO: Bradley Bayat**  
**Location: KNX 05 A48**  
**Art Unit : 3621**

**Case Serial Number: 09/534689**

**From: Paul Obiniyi**  
**Location: EIC 3600**  
**KNX 4B68 RM4B59**  
**Phone: 27734**

**paul.obiniyi@uspto.gov**

### Search Notes

Dear Examiner Bayat,

Attached please find the results of your search. Please feel free to contact me if you have additional questions or would like a re-focus search. Thank you and have a great day.

Paul

? show files; ds; save temp; logoff hold  
 File 35:Dissertation Abs Online 1861-2006/Mar  
     (c) 2006 ProQuest Info&Learning  
 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
     (c) 2002 The Gale Group  
 File 65:Inside Conferences 1993-2006/Apr 04  
     (c) 2006 BLDSC all rts. reserv.  
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 File 144:Pascal 1973-2006/Mar W2  
     (c) 2006 INIST/CNRS  
 File 474:New York Times Abs 1969-2006/Apr 04  
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 File 475:Wall Street Journal Abs 1973-2006/Apr 04  
     (c) 2006 The New York Times  
 File 99:Wilson Appl. Sci & Tech Abs 1983-2006/Mar  
     (c) 2006 The HW Wilson Co.

| Set | Items  | Description   |
|-----|--------|---|
| S1  | 10026  | (RECEIV??? OR ACCEPT??? OR ADMIT???) (7N) (REQUEST??? OR DEM-AND??? OR ASK??? OR QUERY??? OR QUERIES OR INQUIR??? OR REQUISITION? ? OR CHOOS???)  |
| S2  | 427092 | KEY? ? OR BUTTON? ? OR TOUCH()PAD   |
| S3  | 10607  | S2(7N) (SEND??? OR TRANSFER??? OR FORWARD??? OR PASS??? OR -MOV??? OR TRANSMIT??? OR COMMUNICAT???)   |
| S4  | 352051 | (CHANG? OR ADJUST? OR UPDAT? OR MODIF? OR ALTER? OR CONTROL? OR SUBSTITUT? ) (7N) (TIME OR PERIOD OR DURATION OR UNIT OR -ACTUAL OR REALTIME OR REAL()TIME)   |
| S5  | 88322  | (STORE? ? OR STORING OR STORAGE OR ARCHIV?? OR RECORD OR RECORDING OR COLLECT??? OR KEEP??? OR RETAIN??? OR SAVE? ? OR -SAVING OR HOLD???) (7N) ((VIEW? OR ACCESS? OR SEE? OR WATCH? OR LOOK?) OR LISTEN? OR HEAR?) |
| S6  | 10729  | AU=(SUZUKI, S? OR SUZUKI S?)  |
| S7  | 95     | S6 AND S4   |
| S8  | 0      | S7 AND S2   |
| S9  | 8444   | S4 AND S2   |
| S10 | 10     | S9 AND S1   |
| S11 | 10     | RD (unique items)   |
| S12 | 3      | S11 NOT PY>1997   |
| S13 | 242    | S1 AND S4   |
| S14 | 10     | S13 AND S2  |
| S15 | 0      | S14 NOT S11   |

12/3,K/1 (Item 1 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
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1079046 ORDER NO: AAD89-25948

**THE DEPARTMENT AS CONTEXT FOR SECONDARY SCHOOL TEACHING**

Author: SANDHOLTZ, JUDITH HAYMORE  
Degree: PH.D.  
Year: 1989  
Corporate Source/Institution: STANFORD UNIVERSITY (0212)  
Source: VOLUME 50/07-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 2008. 353 PAGES

...and constraints--and so the demands and rewards--surrounding teachers' work vary depending on two **key** elements of the teaching assignment--subject matter and track. Examples of conditions which vary and ...

...constraints and demands.

These variations in work environment affect the balance between contributions teachers are **asked** to make and the inducements they **receive** from teaching. Teachers respond to imbalance between contributions and inducements by seeking to reduce the...

...of responses short of leaving the profession. General categories of responses include: lowering expectations, reducing **time** commitment; adapting teaching methods; and **changing** the teaching situation. The severity of their responses reflects the degree of imbalance between demands...

12/3,K/2 (Item 1 from file: 2)  
DIALOG(R)File 2:INSPEC  
(c) 2006 Institution of Electrical Engineers. All rts. reserv.

06375837 INSPEC Abstract Number: B9610-6210R-061, C9610-5630-010

**Title: Performance model directed admission control for multimedia enabled servers**

Author(s): Bhat, K.V.  
Author Affiliation: Software & Commun. Solutions, AT&T Global Inf. Solutions, Naperville, IL, USA  
Conference Title: 1995 International Symposium on Communications Part vol.2 p.707-13 vol.2  
Publisher: Nat. Taiwan Univ, Taipei, Taiwan  
Publication Date: 1995 Country of Publication: Taiwan 2 vol. xxii+1235 pp.  
Material Identity Number: XX96-01966  
Conference Title: Proceedings of 1995 International Symposium on Communications. ISCOM'95  
Conference Sponsor: Ministr. Educ.; Nat. Sci. Council; Ind. Technol.; et al  
Conference Date: 27-29 Dec. 1995 Conference Location: Taipei, Taiwan  
Language: English  
Subfile: B C  
Copyright 1996, IEE

...Abstract: network provide the needed QOS capability. Our approach captures the current utilization and availability of **key** resources of the entire system and determines the impact of **accepting** a new service

**request** on the QOS for new and existing clients dynamically. If the QOS can be guaranteed...

... performance model, the request is allocated with the resource, and utilization of all affected components **updated** incrementally in **real time**. Otherwise, the request is denied. Our admission **control** algorithm maintains data structures to mimic the behaviour of the system in terms of component...

... the end-to-end delays for all streams and updates the utilization and availability of **key** resources as users exit the system. Since the real time decisions made are based on...

12/3,K/3 (Item 2 from file: 2)  
DIALOG(R)File 2:INSPEC  
(c) 2006 Institution of Electrical Engineers. All rts. reserv.

03726442 INSPEC Abstract Number: B86052238, C86044848

**Title: Just-in-Time approach to IC fabrication**

Author(s): Cory, L.

Author Affiliation: Hewlett-Packard Co., Palo Alto, CA, USA

Journal: Solid State Technology vol.29, no.5 p.177-9

Publication Date: May 1986 Country of Publication: USA

CODEN: SSTEAP ISSN: 0038-111X

Language: English

Subfile: B C

Abstract: Just-in-Time or **demand** -pull manufacturing has **received** a lot of attention in the 1980s, primarily in the automotive, consumer electronic, and computer...

... implemented in semiconductor assembly sites as well. As part of an overall automation project, several **key** elements of a Just-in-Time environment were incorporated into a new wafer fab...

... aisles, level scheduling, heavy emphasis on equipment uptime, and a complete dedication to total quality **control**. Just-in- **Time** implementation and its surprisingly successful impact on throughput time, inventory level, and yield are discussed.

?

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show files; ds; save temp; logoff hold
File 20:Dialog Global Reporter 1997-2006/Apr 05
      (c) 2006 Dialog
File 16:Gale Group PROMT(R) 1990-2006/Apr 05
      (c) 2006 The Gale Group
File 652:US Patents Fulltext 1971-1975
      (c) format only 2002 Dialog
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      (c)2006 The Gale Group
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      (c) 2006 JPO & JAPIO
File 991:NewsRoom 2005 Jan 1-2005/Aug 30
      (c) 2005 Dialog
File 351:Derwent WPI 1963-2006/UD,UM &UP=200622
      (c) 2006 Thomson Derwent
File 484:Periodical Abs Plustext 1986-2006/Mar W4
      (c) 2006 ProQuest
File 545:Investext(R) 1982-2006/Apr 05
      (c) 2006 Thomson Financial Networks
File 995:NewsRoom 2001
      (c) 2005 Dialog
File 996:NewsRoom 2000
      (c) 2005 Dialog
File 47:Gale Group Magazine DB(TM) 1959-2006/Apr 05
      (c) 2006 The Gale group
File 324:German Patents Fulltext 1967-200552
      (c) 2006 Univentio
File 619:Asia Intelligence Wire 1995-2006/Apr 04
      (c) 2006 Fin. Times Ltd
File 621:Gale Group New Prod.Annou.(R) 1985-2006/Apr 05
      (c) 2006 The Gale Group
File 741:(Norfolk)Led./Pil. 1990-2006/Mar 12
      (c) 2006 Virg.-Pilot/Led.-Star

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| Set | Items | Description  |
|-----|-------|--|
| S1  | 82    | (RECEIV??? OR ACCEPT??? OR ADMIT???) (5N) (REQUEST??? OR DEM-AND??? OR ASK??? OR QUERY??? OR QUERIES OR INQUIR??? OR REQUI-SITION? ? OR CHOOS???) (5N) (KEY? ? OR BUTTON? ? OR TOUCH() PAD- ) (5N) (CHANG? OR ADJUST? OR UPDAT? OR MODIF? OR ALTER? OR CONT-ROL? OR SUBSTI |
| S2  | 64    | RD (unique items)  |
| S3  | 19    | S2 NOT PY>1997   |

3/3,K/1 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2006 The Gale Group. All rts. reserv.

05343275 Supplier Number: 48128573 (USE FORMAT 7 FOR FULLTEXT)  
**HARRIS TEETER READIES TEST OF PRODUCTION PLAN SYSTEM**  
AMATO-McCOY, DEENA  
Supermarket News, p61  
Nov 17, 1997  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 485

... to prepare the products, and then track how the items are moving out of the store on a daily basis.

"The automated planner enables managers to forecast sales four weeks ahead of time, then update those forecasts week to week or daily to see which items to promote," the source said. Managers will be able to adjust ingredient orders rather than receiving some ingredients that may not be needed if the customer demand is expected to be soft.

The system is a key to success in providing fresh products to customers, he said. "Retailers need to know the...

3/3,K/2 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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05083374 Supplier Number: 47462608 (USE FORMAT 7 FOR FULLTEXT)  
**New Software From Lexis-Nexis**  
Law Office Technology Review, v6, n6-1, pN/A  
June 13, 1997  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 1336

... Session Software that we last reviewed, but also boast an optional "graphical" interface that will seem familiar to Win95 users, but retaining all of the control buttons available on the older system. We think this makes Lexis-Nexis searching easier.

Rather than traditional blocks of database listings, clicking on a "searcher" button pops up a dialog box that accepts a client name, a "source" (previously library and file), and a search query in either Boolean or Freestyle (natural language) format. (A third choice named "Legal Services" lets the user select among LEXSEE, LEXSTAT, LEXCITE, AutoCite, and Shepard's.) The first time we used the program we had to click a "More Sources" button to retrieve a...

3/3,K/3 (Item 1 from file: 652)  
DIALOG(R)File 652:US Patents Fulltext  
(c) format only 2002 Dialog. All rts. reserv.

00760878  
Utility  
CLOSED CIRCUIT TELEVISION MODEM SHARING SYSTEM

PATENT NO.: 3,886,302  
ISSUED: May 27, 1975 (19750527)

INVENTOR(s): Kosco, Thomas J., Harbor City, CA (California), US (United States of America)  
ASSIGNEE(s): Hughes Aircraft Company, (A U.S. Company or Corporation), Culver City, CA (California), US (United States of America)  
Assignee Code(s): 40312|  
APPL. NO.: 5-437,410  
FILED: January 28, 1974 (19740128)  
FULL TEXT: 832 lines

... the center frequency of 110 MHz which is ultimately decoded by the receiver and decoder unit 29 as a video enable command. This video enable command confirms that the subscriber has been billed and allows the control circuit 31 to keep the converter 27 turned on after the termination of the preview period if the pay TV request was made before the completion of the preview period, or turns on the converter 27 if the pay TV request was made after the termination of the preview period.

In a second mode of operation, the subscriber may initiate a request to receive a restricted category subscription program. This is accomplished at the console 33 by the subscriber inserting his key in the key control circuit 41 and pressing the subscription TV request button 43 which enables the control circuit 31 to generate the pay TV request signal. However, the subscriber will not be immediately allowed to receive the restricted program. The pay TV request signal will be sent upstream to the LPC 16, and the computer 17 will search its memory to see if the subscriber is one of the persons on its restricted list of persons authorized...

3/3,K/4 (Item 2 from file: 652)  
DIALOG(R)File 652:US Patents Fulltext  
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00712765

Utility

COMMUNICATION SWITCHING SYSTEM, WITH MARKER, REGISTER, AND OTHER SUBSYSTEMS COORDINATED BY A STORED PROGRAM CENTRAL PROCESSOR

PATENT NO.: 3,835,260  
ISSUED: September 10, 1974 (19740910)  
EXTRA INFO: Assignment transaction [Reassigned], recorded February 28, 1989 (19890228)  
INVENTOR(s): Prescher, Kenneth E., Lombard, IL (Illinois), US (United States of America)  
Schauer, Ronald E., Hanover Park, IL (Illinois), US (United States of America)  
Sikorski, Frank B., Des Plaines, IL (Illinois), US (United States of America)  
ASSIGNEE(s): GTE Automatic Electric Laboratories, Inc, (A U.S. Company or Corporation), Northlake, IL (Illinois), US (United States of America)  
Assignee Code(s): 36238|  
APPL. NO.: 5-342,323  
FILED: March 19, 1973 (19730319)

This is a continuation-in-part of application Ser. No. 130,133 filed Apr. 1, 1971, now abandoned.

FULL TEXT: 20497 lines

... 8 octal digit number with the highest order bit denoting a positive or negative quantity: [ See graphic in original document]

The word format for a double precision data word (48 bits...

... highest order bit in the word of most significance denoting a positive or negative quantity. [ See graphic in original document]

Fixed point numbers are stored in memory in two's (radix) complement form. Thus, magnitudes of negative numbers are not...

...and a read-modify-write cycle time of 1.6 microseconds. (Slower memories may be substituted with the only penalty being a derating in processing speeds and Drum Transfer rates). Main... a direct access I/O device (optional). The memory registers are not accessible for program control .

1.1.8.8 Register "PR" is a 6 bit register used to specify bits...

... field (2 bits); a branch field (2 bits); and an instruction field (2 bits). Program access to this register is via the instruction set.

#### SECTION 1.2 Central Processor Instruction Set...

... are expressed in terms of memory cycles unless otherwise noted. The timing indicated includes instruction access time and address modification time . Where indirect addressing is specified, one additional memory cycle is required.

Indexing and indirect addressing...

3/3,K/5 (Item 3 from file: 652)  
DIALOG(R)File 652:US Patents Fulltext  
(c) format only 2002 Dialog. All rts. reserv.

00704038

Utility

COMPREHENSIVE AUTOMATIC VEHICLE COMMUNICATION, PAGING, AND POSITION LOCATION SYSTEM

PATENT NO.: 3,824,469

ISSUED: July 16, 1974 (19740716)

INVENTOR(s): Ristenbatt, Marlin Philip, 3606 Terhune Rd., Ann Arbor, MI  
(Michigan), US (United States of America), 48104

Assignee Code(s): 68000|

APPL. NO.: 5-263,704

FILED: June 16, 1972 (19720616)

FULL TEXT: 1329 lines

... similar connections for the shift register stages, but now the particular connections at any given time are controlled by the push-button requests from the vehicle operator ( see also FIG. 7). The push-button panel 79B feeds a set of holding relays 80A. Whenever a given function (message) is requested , the corresponding button push activates one of the holding relays 80A for the corresponding function. The holding relay 80A will remain set until a reset signal is received after complete reception of the corresponding codeword from the environment. Any active holding relay 80A causes the proper connections of the shift register stages for that function in the connection matrix 78. The reset signal to holding relay 80A from trigger 98 (FIG. 4B) causes one-cycle of the repetitive transmissions from...



3/3,K/6 (Item 4 from file: 652)  
DIALOG(R)File 652:US Patents Fulltext  
(c) format only 2002 Dialog. All rts. reserv.

00677788

Utility  
CATV PROGRAM CONTROL SYSTEM

PATENT NO.: 3,790,700  
ISSUED: February 05, 1974 (19740205)  
INVENTOR(s): Callais, Richard T., Northridge, CA (California), US (United States of America)  
Eisenberg, Herbert, Manhattan Beach, CA (California), US (United States of America)  
Forbes, F. Douglas, Palos Verdes Peninsula, CA (California), US (United States of America)  
Kosco, Thomas J., Harbor City, CA (California), US (United States of America)  
Taxis, Harry M., Los Angeles, CA (California), US (United States of America)  
Frost, John B., Goodyear, AZ (Arizona), US (United States of America)  
ASSIGNEE(s): Hughes Aircraft Company, (A U.S. Company or Corporation), Culver City, CA (California), US (United States of America)  
Assignee Code(s): 40312|  
APPL. NO.: 5-209,222  
FILED: December 17, 1971 (19711217)  
FULL TEXT: 938 lines

... the center frequency of 110 MHz which is ultimately decoded by the receiver and decoder unit 29 as a video enable command. This video enable command confirms that the subscriber has been billed and allows the control circuit 31 to keep the converter 27 turned on after the termination of the preview period if the pay TV request was made before the completion of the preview period, or turns on the converter 27 if the pay TV request was made after the termination of the preview period.

In a second mode of operation, the subscriber may initiate a request to receive a restricted category subscription program. This is accomplished at the console 33 by the subscriber inserting his key in the key control circuit 41 and pressing the subscription TV request button 43 which enables the control circuit 31 to generate the pay TV request signal. However, the subscriber will not be immediately allowed to receive the restricted program. The pay TV request signal will be sent upstream to the LPC 16, and the computer 17 will search its memory to see if the subscriber is one of the persons on its restricted list of persons authorized...

3/3,K/7 (Item 5 from file: 652)  
DIALOG(R)File 652:US Patents Fulltext  
(c) format only 2002 Dialog. All rts. reserv.

00619033

Utility  
ATTENDANT TO TRUNK COUPLER

PATENT NO.: 3,719,784  
ISSUED: March 06, 1973 (19730306)  
EXTRA INFO: Assignment transaction [Reassigned], recorded June 27,

1983 (19830627)  
INVENTOR(s): Adams, Jr. John A., Fairport, NY (New York), US (United States of America)  
ASSIGNEE(s): Stromberg-Carlson Corporation, (A U.S. Company or Corporation), Rochester, NY (New York), US (United States of America)  
Assignee Code(s): 81160|  
APPL. NO.: 5-100,890  
FILED: December 23, 1970 (19701223)  
FULL TEXT: 510 lines

... returned to the calling line from the register through the switching matrix and, at this time, the common control releases and is available to handle additional requests for service. After receiving dial tone, the subscriber dials one or more digits which are received and stored in the register 135. The common control analyzes the digits dialed as they are received to determine whether the call to be established is a local call, an outgoing trunk call or a special request for service.

For an outgoing trunk call, the attendant may key the access code assigned to a desired trunk group by way of turret 141. The associated register...

3/3,K/8 (Item 6 from file: 652)  
DIALOG(R)File 652:US Patents Fulltext  
(c) format only 2002 Dialog. All rts. reserv.

00605217

Utility  
MEMORY ACCESS SYSTEM

PATENT NO.: 3,701,130  
ISSUED: October 24, 1972 (19721024)  
INVENTOR(s): Ault, Cyrus Frank, Wheaton, IL (Illinois), US (United States of America)  
ASSIGNEE(s): Bell Telephone Laboratories, Incorporated, (A U.S. Company or Corporation), Murray Hill, NJ (New Jersey), US (United States of America)  
Assignee Code(s): 8688|  
APPL. NO.: 5-114,295  
FILED: February 10, 1971 (19710210)  
FULL TEXT: 678 lines

... presently accessible, compares each of the resultant sums with the requested zone count number ZC, stored in request register 40. A match indicates that the requested memory zone is positioned for initiation of access thereto.

When signaled over lead 413 by comparator 45 that a match has occurred, actual track logic 46 deduces the actual track (i.e., 211-220) to which access is specified, from the combination of the requested track group number TG stored in request register 40, and information received from sequencer 43 over cable 411 indicating which of the five key numbers was added to cause the match. Memory control logic 42, in compliance with a signal over cable 414 from actual track logic 46 defining the actual track of the requested memory zone, enables access apparatus 49 to access the identified track, thereby accessing the requested memory zone.

If INST, the instruction item stored in request register 40, specifies a write instruction, memory control logic 42 enables access apparatus 49

to store in the requested memory zone the buffered data, previously transmitted by CPU 31 over bus 415 and stored in memory control logic 42. When the storage operation has been successfully completed, memory control logic 42 signals CPU 31. If INST specifies a read instruction, memory control logic 42 enables access apparatus 49 to retrieve data from the requested memory zone, buffers...MZR is presently accessible. Comparator 45 provides a "match" signal on lead 413 which enables actual track logic 46 to deduce the actual track specified by the memory access request. Actual track logic 46 derives the actual track from the combination of the track group number TG 0 stored in request register 40, and information from sequencer 43 received over cable 411 identifying that the fourth key number 78 was added to cause the match. As was previously discussed in regard to FIG. 2, the fourth key number 78 is associated with tracks 214 and 219, i.e., the fourth track in...

...and 1. Since TG 0 is specified, track 214 in track group 0 is the actual track containing the requested memory zone MZR. Thus, actual track logic 46 signals memory control logic 42 over cable 414 that the requested memory zone MZR is presently accessible on track 214.

Memory control logic 42, in compliance with the type of access specified by information item INST, enables...

3/3,K/9 (Item 7 from file: 652)  
 DIALOG(R)File 652:US Patents Fulltext  
 (c) format only 2002 Dialog. All rts. reserv.

00551879

Utility  
 INFORMATION FILTER AND STEERING CIRCUIT

PATENT NO.: 3,632,889  
 ISSUED: January 04, 1972 (19720104)  
 INVENTOR(s): Sikorsky, Michael Frank, Neptune City, NJ (New Jersey), US  
 (United States of America)  
 Voigt, Herman Ewald, Middletown, NJ (New Jersey), US (United States of America)  
 ASSIGNEE(s): Bell Telephone Laboratories Incorporated, Murray Hill, NJ (New Jersey), US (United States of America)  
 Assignee Code(s): 8688|  
 APPL. NO.: 5-2,580  
 FILED: January 13, 1970 (19700113)  
 FULL TEXT: 2369 lines

...hopper 512 are of limited capacity and it would not be feasible to have them store all the key signals that may be received from a position during a long real time program break. Therefore, in accordance with our invention, the PRB filter is opened under such conditions so that any unloaded key signal may be applied to the KST filter to determine its disposition.

Any key signal received during a long term break may be classified into one of two categories. Specifically, each signal will either represent an illogical service request that has no meaning in view of the current state of the call or, alternatively, it will represent information which is of extreme significance and to which the system should promptly respond. In other words, each key signal received during a long real time break for the same call will either represent useless information that can and should be disregarded or, alternatively, will represent information

of value to the system even though it is currently performing a...

3/3,K/10 (Item 8 from file: 652)  
DIALOG(R)File 652:US Patents Fulltext  
(c) format only 2002 Dialog. All rts. reserv.

00546927

Utility  
LARGE-SCALE DATA PROCESSING SYSTEM

PATENT NO.: 3,626,427  
ISSUED: December 07, 1971 (19711207)  
INVENTOR(s): MacSorley, Olin L., Lake Katrine, NY (New York), US (United States of America)  
Hasbrouck, Leo J., Poughkeepsie, NY (New York), US (United States of America)  
Stetler, Wesley C., Poughkeepsie, NY (New York), US (United States of America)  
Holleran, C. Richard, Saratoga, CA (California), US (United States of America)  
Geller, Alan R., Poughkeepsie, NY (New York), US (United States of America)  
Kurtz, Clark, Highland, NY (New York), US (United States of America)  
Nelson, Robert A., Poughkeepsie, NY (New York), US (United States of America)  
Smith, Gordon L., Poughkeepsie, NY (New York), US (United States of America)  
Spencer, Dana R., Poughkeepsie, NY (New York), US (United States of America)  
Timm, Joe F., Poughkeepsie, NY (New York), US (United States of America)  
Wissick, William P., Sunnyvale, CA (California), US (United States of America)  
Allen, Richard G., Hyde Park, NY (New York), US (United States of America)  
DuBois, Thomas F., Newburgh, NY (New York), US (United States of America)  
Hack, George E., Poughkeepsie, NY (New York), US (United States of America)  
Annunziata, Eugene J., Poughkeepsie, NY (New York), US (United States of America)  
Hoskinson, William C., Poughkeepsie, NY (New York), US (United States of America)  
King, Lewis E., Highland, NY (New York), US (United States of America)  
Johansen, Thore-Jan, Oslo, NO (Norway)  
ASSIGNEE(s): International Business Machines Corporation, Armonk, NY (New York), US (United States of America)  
Assignee Code(s): 42640|  
APPL. NO.: 4-609,238  
FILED: January 13, 1967 (19670113)

This application is a continuation-in-part of application Ser. No. 445,326, filed Apr. 5, 1965, entitled "Large Scale Data Processing System," now abandoned.

FULL TEXT: 19332 lines

... bus which relate to addresses corresponding to locations in excess of

those available in the storage units of this particular embodiment. As described in Section 6.2.2, address bits 0-4 could only be utilized in addressing storage locations in excess of those provided in the present embodiment. Therefore, the presence of one of these bits indicates an attempt by the channel or the CPU to reach storage areas which do not exist. The possible exception to this is the use of storage bit 0 to designate the fetching of data from the panel data keys as indicated by a signal on the ENABLE PKF line, which is fed to an...Also, any storage location having a KEY designation of 0000 may be accessed by any KEY combination. The IN KEYS circuit of FIG. 42 selects a set of CPU IN KEYS from two sources within the CPU and then selects between the set of CPU IN KEYS and a set of channel IN KEYS to provide IN KEYS to storage.

In FIG. 42c, the various CPU IN KEYS 1-4, P are generated by corresponding OR-circuits 1, 2, each responsive to either...

...3, 4 and 5, 6 depending upon the source within the CPU of the IN KEYS. A signal on an IN KEY line signifies when an operation directly involved in manipulating the storage keys is being performed. Such an operation might be changing the key designation of a storage block in memory. A signal on a SET or INHIBIT KEYS...

3/3,K/11 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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09852757 SUPPLIER NUMBER: 19961177 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Privacy: what you need to know. (Internet privacy) (includes related article on differing policies in the US and Europe regarding the Internet privacy issue) (Internet/Web/Online Service Information)  
Jacobs, Paula  
InfoWorld, v19, n44, p111(1)  
Nov 3, 1997  
ISSN: 0199-6649 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 2754 LINE COUNT: 00231

... OPS enables site developers to work with one recognized standard, reducing development costs and accelerating time -to-market by avoiding multiple formats. It supports existing Internet standards, including HTTP, Secure Socket...

...and allows developers to leverage existing expertise and intellectual capital.

OPS is based on three key principles for the exchange of personal profile information: informed consent, value exchange, and control by source. Anyone requesting information must receive the individual's informed consent before collecting or using that information in any way, and make the individual aware of how that information will be used; no party should collect information without offering an individual value in exchange, for example, a home address should only be required in order to fulfill a purchase order; and access to information is controlled by its source, whether it is an individual or a business...

3/3,K/12 (Item 1 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2006 JPO & JAPIO. All rts. reserv.



01423945      \*\*Image available\*\*  
CONTROL SYSTEM FOR PROGRAM EXECUTION

PUB. NO.:        59-135545    [JP 59135545    A]  
PUBLISHED:      August 03, 1984 (19840803)  
INVENTOR(s):    KANAI TATSUYUKI  
                 IKEDA ISAO  
                 OKAMURA HIROKO  
APPLICANT(s):   FUJITSU LTD [000522] (A Japanese Company or Corporation), JP  
                 (Japan)  
APPL. NO.:      58-009528    [JP 839528]  
FILED:          January 24, 1983 (19830124)  
JOURNAL:        Section: P, Section No. 319, Vol. 08, No. 269, Pg. 15,  
                 December 08, 1984 (19841208)

ABSTRACT

...CONSTITUTION: When a central processing unit 2 executes an instruction within a program module M112, an instruction address is transmitted to a memory controller 3 from an instruction control part 21. An access originating key setting part 33 in the controller 3 refers to a key holding part 31 to extract and set a key code SK112 and reads out and sends back the instruction. Then an arithmetic control part 22 delivers a reading request for data within a memory block 1-1, an access designating key setting part 34 refers to the part 31 to extract and set a key code SK100 from the received data address. This code SK100 is collated with the access originating key code through a collating part 35. Then the access propriety is decided from the fact that the 1st codes of both codes are 1...

3/3,K/15        (Item 1 from file: 484)  
DIALOG(R)File 484:Periodical Abs Plustext  
(c) 2006 ProQuest. All rts. reserv.

03326497        (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Oakland Raiders**  
Kroichick, Ron  
Sporting News (GSPN), v221 n28, p47, p.01  
Jul 14, 1997  
ISSN: 0038-805X        JOURNAL CODE: GSPN  
DOCUMENT TYPE: News  
LANGUAGE: English        RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 349

TEXT:

... team will try to stretch the field, throwing more 12-to-20-yard passes. Also look for George to frequently throw deep to his swift receivers . Establishing a power-running game is key . That could provide a nice complement to Napoleon Kaufman's sweeps.

Keep an eye on: Kaufman, Harvey Williams and Joe Aska , who form an interesting backfield. This is Kaufman's time to burst into stardom, leaving Williams in a modified fullback's role. Coordinator Ray Perkins faces a distinct challenge in spreading the ball around...

3/3,K/16        (Item 2 from file: 484)  
DIALOG(R)File 484:Periodical Abs Plustext  
(c) 2006 ProQuest. All rts. reserv.

03105053 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**My crack-up**

Jaynes, Gregory

Esquire (GESQ), v126 n6, p106-109+, p.10

Dec 1996

ISSN: 0194-9535 JOURNAL CODE: GESQ

DOCUMENT TYPE: Commentary

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 8251

TEXT:

... over the globe for Time, Life, and The New York Times. Most men reach a **period** in which they have a sense they are faltering, misfiring, a **period** in which no one wants to toss them out, but no one wants to give them the **keys** to the **store**. A **period** in which their own ways of doing things, personal stamps that once gained them praise, now have to be **altered** to appease new **demands**. To **accept** **modifications** with stoical good grace gains a man the patronizing reputation of a "pro." To **see** **change** as purely arbitrary and protest it is to be categorized as being "too sensitive." The...

3/3,K/17 (Item 3 from file: 484)

DIALOG(R)File 484:Periodical Abs Plustext

(c) 2006 ProQuest. All rts. reserv.

02623859 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**What business needs from higher-education**

Verville, Anne-Lee

Educational Record (GEDR), v76 n4, p46-50

Fall 1995

ISSN: 0013-1873 JOURNAL CODE: GEDR

DOCUMENT TYPE: Feature

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2727

LENGTH: Long (31+ col inches)

TEXT:

... many computer products that used to be "refreshed" or redesigned every three years now are **updated** every six to nine months because the technology is **changing** so quickly. The half-life of information is short. At the same **time** that workers must **keep** up with these **changes**, operating budgets are being slashed to **keep** pace with smaller, leaner, and more efficient companies. Fewer people are left to do more work. Thus, there is tremendous **demand** for training and education.

Research has shown that workers who **receive** formal job training are 30 percent more productive than those who do not, (1) and technology can be the **key** to making that training **accessible** and affordable. A congressionally mandated study that compared multimedia instruction with more traditional instruction found...

3/3,K/18 (Item 1 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)

(c) 2006 The Gale group. All rts. reserv.

04656198 SUPPLIER NUMBER: 18866700 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**My crack-up.(narrative of a voyage on a cargo ship)**

Jaynes, Gregory

Esquire, v126, n6, p106(10)

Dec, 1996



ISSN: 0194-9535      LANGUAGE: English      RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 8731      LINE COUNT: 00608

... over the globe for Time, Life, and The New York Times. Most men reach a **period** in which they have a sense they are faltering, misfiring, a **period** in which no one wants to toss them out, but no one wants to give them the **keys** to the **store**. A **period** in which their own ways of doing things, personal stamps that once gained them praise, now have to be **altered** to appease new **demands**. To **accept** **modifications** with stoical good grace gains a man the patronizing reputation of a "pro." To **see** **change** as purely arbitrary and protest it is to be categorized as being "too sensitive." The...

3/3,K/19      (Item 2 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2006 The Gale group. All rts. reserv.

04449203      SUPPLIER NUMBER: 18027792      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Create your own sun-sight reduction program.**

Murdoch, Bill

Cruising World, v22, n3, p47(4)

March, 1996

ISSN: 0098-3519      LANGUAGE: English      RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 2994      LINE COUNT: 00228

... it, turn the calculator on and go to the program execute mode by pressing the **keys** ON and PRGM. The display will show the list of programs. ASTRO, the main program, is first. To select it, press 1 and ENTER. The calculator will **ask** if you wish to **view**, **accept** or **change** the date and **time** that are **stored** in memory. Pressing 1 for **view** and then ENTER displays the Greenwich date. Pressing ENTER again displays the Greenwich **time**. Pressing ENTER a third **time** takes you back to the time and date menu. If the current values for the...  
?

? show files; ds; save temp; logoff hold  
File 348:EUROPEAN PATENTS 1978-2006/ 200613  
(c) 2006 European Patent Office  
File 349:PCT FULLTEXT 1979-2006/UB=20060330,UT=20060323  
(c) 2006 WIPO/Univentio

| Set | Items  | Description   |
|-----|--------|---|
| S1  | 71331  | (RECEIV??? OR ACCEPT??? OR ADMIT???) (7N) (REQUEST??? OR DEM-<br>AND??? OR ASK??? OR QUERY??? OR QUERIES OR INQUIR??? OR REQUI-<br>SITION? ? OR CHOOS???)   |
| S2  | 273839 | KEY? ? OR BUTTON? ? OR TOUCH()PAD   |
| S3  | 48775  | S2(7N) (SEND??? OR TRANSFER??? OR FORWARD??? OR PASS??? OR -<br>MOV??? OR TRANSMIT??? OR COMMUNICAT???)   |
| S4  | 493205 | (CHANG? OR ADJUST? OR UPDAT? OR MODIF? OR ALTER? OR CONTRO-<br>L? OR SUBSTITUT? ) (7N) (TIME OR PERIOD OR DURATION OR UNIT OR -<br>ACTUAL OR REALTIME OR REAL()TIME)  |
| S5  | 208159 | (STORE? ? OR STORING OR STORAGE OR ARCHIV?? OR RECORD OR R-<br>ECORDING OR COLLECT??? OR KEEP??? OR RETAIN??? OR SAVE? ? OR -<br>SAVING OR HOLD???) (7N) ((VIEW? OR ACCESS? OR SEE? OR WATCH? OR<br>LOOK?) OR LISTEN? OR HEAR?) |
| S6  | 1647   | AU=(SUZUKI, S? OR SUZUKI S?)  |
| S7  | 389    | S6 AND S4   |
| S8  | 26     | S7 AND S1   |
| S9  | 11     | S8 AND S5   |
| S10 | 5      | S9 AND S3   |
| S11 | 2818   | S4(3N)S5  |
| S12 | 75     | S11(3N)S2   |
| S13 | 5      | S12(5N)S1   |
| S14 | 5      | S13 NOT S10   |
| S15 | 75     | S12(5N)S5   |
| S16 | 80978  | IC=(G06Q? OR H04K? OR H04L?)  |
| S17 | 14     | S16 AND S15   |
| S18 | 13     | S17 NOT (S10 OR S14)  |

10/3,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2006 European Patent Office. All rts. reserv.

01706871

TRANSACTION SYSTEM AND TRANSACTION TERMINAL APPARATUS  
TRANSAKTIONSSYSTEM UND TRANSAKTIONSENDGERATEVORRICHTUNG  
SYSTEME DE TRANSACTION ET TERMINAL DE TRANSACTION

PATENT ASSIGNEE:

FUJITSU LIMITED, (211463), 1-1, Kamikodanaka 4-chome, Nakahara-ku,  
Kawasaki-shi, Kanagawa 211-8588, (JP), (Applicant designated States:  
all)

INVENTOR:

MURASHITA, Kimitaka, FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome,  
Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, (JP)  
SHINZAKI, Takashi, FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome,  
Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, (JP)  
SUZUKI, Shoji, FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku,  
Kawasaki-shi, Kanagawa 211-8588, (JP)

LEGAL REPRESENTATIVE:

Sunderland, James Harry (47955), Haseltine Lake, Imperial House, 15-19  
Kingsway, London, WC 2W 6UD, (GB)

PATENT (CC, No, Kind, Date): EP 1521220 A1 050406 (Basic)  
WO 2004006194 040115

APPLICATION (CC, No, Date): EP 2002743833 020704; WO 2002JP6794 020704

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): G07D-009/00; G07F-007/08; G07F-007/12;  
G06F-017/60

ABSTRACT WORD COUNT: 150

NOTE:

Figure number on first page: 0001

LANGUAGE (Publication,Procedural,Application): English; English; Japanese

FULLTEXT AVAILABILITY:

| Available Text                     | Language  | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A                           | (English) | 200514 | 1893       |
| SPEC A                             | (English) | 200514 | 21323      |
| Total word count - document A      |           |        | 23216      |
| Total word count - document B      |           |        | 0          |
| Total word count - documents A + B |           |        | 23216      |

INVENTOR:

... JP)

SUZUKI, Shoji, FUJITSU LIMITED ...

...SPECIFICATION will be described later by reference to Fig. 8.

(13) The host server 30 has **received**, from the user terminal 40, the **request** to write data into the IC memory 12 of the IC card 10 or the... inquiry about a balance on an account, a deposit, a withdrawal, a money transfer, a **time** deposit, and **changes** in settings) are set as transaction requirements, and the amount of withdrawable money is set...

...step S17), the transaction control section 28 does not accept the current transaction. At this **time**, the IC card authentication terminal **control** section 21 causes the display section 26 to display a notification to this effect, thereby...

...the IC card 10 of the user by way of the user terminal 40, the **request** is **received** by the network server 36 of the host server 30, and the request and the...

...the password (step S32). In the host server 30, when the network server 36 has **received** the user's **request**, the **request** to change the password (a request to rewrite) and data to be rewritten (a new...with the user terminal 40B by way of the network 52. The network communications section **receives** a registration **request** from the user terminal 40B (the user B) and user data (see arrow A1 in Fig. 14) and **transmits** an encryption **key** /decryption **key** generated in accordance with the registration request and the user data (see arrow A2 in...

...data receiving section 62 receives the user data pertaining to the user B who has **received** the registration **request**, from among various data **received** by the network communications section 61. The encryption key/decryption key generation section 63 generates...

...the user B) before the user B purchases a commodity product from the user A ( **see** arrow A3 in Fig. 14).

The key **retaining** section 45 is for retaining the encryption key/decryption key received from the certificate authority...account of the transaction counterpart (the user B) (step S93). The host server 30 having **received** the **inquiry** ascertains presence/absence of the account of the user (step S94). When the account of...

10/3,K/2 (Item 2 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2006 European Patent Office. All rts. reserv.

01161120

#### NETWORK CONTROL SYSTEM

#### SYSTEM ZUR REGELUNG EINES NETZWERKES

#### SYSTEME DE COMMANDE DE RESEAU

#### PATENT ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., (216880), 1006, Ohaza Kadoma, Kadoma-shi, Osaka 571-8501, (JP), (Applicant designated States: all)

#### INVENTOR:

YANAGAWA, Yoshifumi F-509, Yamashinaminamidauchi, 2-1, Nishino Rikyuchō Yamashina-ku, Kyoto-shi, Kyoto 607-8345, (JP)

SUZUKI, Seiichi, Room 609 Adream Katano 10, Ikuno 1-chome, Katano-shi Osaka 576-0054, (JP)

#### LEGAL REPRESENTATIVE:

Lang, Johannes, Dipl.-Ing. et al (86392), Bardehle Pagenberg Dost Altenburg Geissler Isenbruck, Postfach 86 06 20, 81633 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1041851 A1 001004 (Basic)  
WO 0024222 000427

APPLICATION (CC, No, Date): EP 99947947 991019; WO 99JP5736 991019

PRIORITY (CC, No, Date): JP 98297792 981020

DESIGNATED STATES: DE; FR; GB; NL

INTERNATIONAL PATENT CLASS (V7): H04Q-009/00; H04N-005/445; H04L-012/40

ABSTRACT WORD COUNT: 121

#### NOTE:

Figure number on first page: 5

LANGUAGE (Publication,Procedural,Application): English; English; Japanese  
FULLTEXT AVAILABILITY:

path, at least one...

...second unit being for handling at least one of video, audio, and information, and a **controller** included in said first **unit** **controlling** a device included in said second **unit** through said transmission path, said **control** method comprising the steps of: transmitting screen display data for displaying an operating screen of ...

...and said identification information transmitted from said device.

40. A control method, in a network **control** system in which a first **unit** and a second unit are connected to each other a transmission path, at least one...

...second unit being for handling at least one of video, audio, and information, and a **controller** included in said first **unit** **controlling** a device included in said second **unit** through said transmission path, said **control** method comprising the steps of: transmitting screen display data for displaying an operating screen of ...

10/3,K/3 (Item 3 from file: 348)  
 DIALOG(R)File 348:EUROPEAN PATENTS  
 (c) 2006 European Patent Office. All rts. reserv.

01081412

**PORTABLE ELECTRONIC DEVICE, ENTERTAINMENT SYSTEM, AND RECORDING MEDIUM**  
**TRAGBARES ELEKTRONISCHES GERAT, UNTERHALTUNGSSYSTEM UND AUFZEICHNUNGDMESIUM**  
**DISPOSITIF ELECTRONIQUE PORTABLE, SYSTEME DE DIVERTISSEMENT ET SUPPORT**  
**D'ENREGISTREMENT**

PATENT ASSIGNEE:

Sony Computer Entertainment Inc., (2185312), 1-1, Akasaka 7-chome,  
 Minato-ku, Tokyo 107-0052, (JP), (Applicant designated States: all)

INVENTOR:

YAMAMOTO, Tetsuji, K.K. Shuga ando Rokettsu, 1-22, Akasaka 8-chome,  
 Minato-ku, Tokyo 107-0052, (JP)

SUZUKI, Shunji, K.K. Shuga ando Rokettsu , 1-22, Akasaka 8-chome,  
 Minato-ku, Tokyo 107-0052, (JP)

YAMAMOTO, Hiroshi, K.K. Pikku, 2-3, Bandai 1-chome, Niigata-shi, Niigata  
 950-0088, (JP)

OHDAIRA, Toshimitsu, K.K. Pikku, 2-3, Bandai 1-chome, Niigata-shi,  
 Niigata 950-0088, (JP)

TOYOTA, Kazuki, K.K. Pikku, 2-3, Bandai 1-chome, Niigata-shi, Niigata  
 950-0088, (JP)

LEGAL REPRESENTATIVE:

Hedley, Nicholas James Matthew (46412), Stephenson Harwood One, St.  
 Paul's Churchyard, London EC4M 8SH, (GB)

PATENT (CC, No, Kind, Date): EP 976430 A1 000202 (Basic)  
 WO 9940986 990819

APPLICATION (CC, No, Date): EP 99902921 990216; WO 99JP674 990216

PRIORITY (CC, No, Date): JP 9850097 980216

DESIGNATED STATES: BE; CH; DE; DK; ES; FI; FR; GB; IT; LI; NL; SE

INTERNATIONAL PATENT CLASS (V7): A63F-009/22; G06F-015/02

ABSTRACT WORD COUNT: 95

NOTE:

Figure number on first page: 6

LANGUAGE (Publication,Procedural,Application): English; English; Japanese  
FULLTEXT AVAILABILITY:

| Available Text                     | Language  | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A                           | (English) | 200005 | 1608       |
| SPEC A                             | (English) | 200005 | 11200      |
| Total word count - document A      |           |        | 12808      |
| Total word count - document B      |           |        | 0          |
| Total word count - documents A + B |           |        | 12808      |

INVENTOR:

... JP)  
SUZUKI, Shunji, K.K. Shuga ando Rokettsu ...

...SPECIFICATION of the above-described video game station 1.

The video game station 1 has a **control** system 50 comprising a central processing **unit** (CPU) 51 and its peripherals; a graphics system 60 comprising a graphic processing unit (GPU...

...as video, the frame buffer 63 is provided with a CLUT area in which is **stored** a color **look** -up table (CLUT) to which reference is had when the GPU 62 draws polygons or...enter commands. In accordance with a command from the communications controller 91, the controller 20 **transmits** the states of these instruction **keys** to the communications controller 91 at a cycle of 60 times per second by synchronous communication. The communications controller 91 **transmits** the states of the instruction **keys** of controller 20 to the CPU 51.

As a result, the command from the user...the video game station and the portable electronic device also share data that is for **controlling** , in **real time** , the progress of games that are run on them independently.

A specific example of the...video game station 1 can share game data generated by the microcomputer 41 serving as **control** means, **time** data obtained by the clock 45 in the memory card, and data generated by another....

...or not.

The microcomputer 41 of the portable electronic device 100 serving as the slave **accepts** the "program download **request** command" from the CPU 51 of the master at step ST3.

When the microcomputer 41...data to the non-volatile memory 46.

This is followed by step ST14 where, upon **receiving** a "program-start **request** command" from the CPU 51 of the master, the microcomputer 41 of the portable electronic...

10/3,K/4 (Item 4 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2006 European Patent Office. All rts. reserv.

00596616

Authentication and communication terminal and communication processing unit  
using the method

Verfahren zur Authentifikation und dieses Verfahren verwendende  
Kommunikationsendeinrichtung und Kommunikationsverarbeitungseinheit  
Procede d'authentification terminal de communication et unite de traitement  
de communication mettant en oeuvre un tel procede

PATENT ASSIGNEE:

NIPPON TELEGRAPH AND TELEPHONE CORPORATION, (686339), 19-2 Nishi-Shinjuku  
3-chome, Shinjuku-ku, Tokyo 163-19, (JP), (Proprietor designated  
states: all)

INVENTOR:

**Suzuki, Shigefusa** , Musashi-fujisawa Shataku 9-137, 429-3, Kamifujisawa,  
Iruma-shi, Saitama, (JP)

Nohara, Tatsuo, 534-1-202B, Higashiasakawa-cho, Hachioji-shi, Tokyo, (JP)  
LEGAL REPRESENTATIVE:

Hoffmann, Eckart, Dipl.-Ing. et al (5571), Patentanwalt, Bahnhofstrasse  
103, 82166 Grafelfing, (DE)

PATENT (CC, No, Kind, Date): EP 604911 A2 940706 (Basic)  
EP 604911 A3 950510  
EP 604911 B1 020828

APPLICATION (CC, No, Date): EP 93120813 931223;

PRIORITY (CC, No, Date): JP 92348296 921228; JP 92348297 921228

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS (V7): H04L-009/32; H04L-009/00

ABSTRACT WORD COUNT: 294

NOTE:

Figure number on first page: 3

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text                     | Language  | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A                           | (English) | EPABF2 | 4680       |
| CLAIMS B                           | (English) | 200235 | 4781       |
| CLAIMS B                           | (German)  | 200235 | 4285       |
| CLAIMS B                           | (French)  | 200235 | 5639       |
| SPEC A                             | (English) | EPABF2 | 10140      |
| SPEC B                             | (English) | 200235 | 10142      |
| Total word count - document A      |           |        | 14824      |
| Total word count - document B      |           |        | 24847      |
| Total word count - documents A + B |           |        | 39671      |

INVENTOR:

**Suzuki, Shigefusa** ...

...ABSTRACT communication request, a communication processing unit (20) responds to a communication request signal from a **communication** terminal (10) to acquire an authentication **key** Ka corresponding thereto from a storage (30), generates pieces of enciphered authentication information Xai and Xbi enciphered by the authentication **key** Ka of the **communication** terminal and an authentication **key** Kb of the **communication** processing unit, respectively, and random information Yi and transmits these pieces of information Xai, Xbi...

...signal, information Ka(Yi) obtained by enciphering the received random information Yi with the authentication **key** Ka, back to the **communication** processing unit, and at the same time, the communication terminal stores the received enciphered pieces...

...Xbi. The communication processing unit verifies the authentication response signal by use of the authentication **key** Ka.

In a second processing mode, the **communication** terminal transmits previous enciphered authentication information Xb(i-1) as a communication request signal to the communication processing unit and deciphers previous information Xa(i-1) to generate an authentication **key** Kci. The **communication** processing unit deciphers the received enciphered authentication information Xbi to generate a deciphered authentication **key** Kci and **transmits** to the **communication** terminal an authentication request signal containing newly generated pieces of

said communication **request** signal which it **received** from said communication processing unit (20) for each communication request contains first and second enciphered...

...second pieces of enciphered authentication information  $K_b(R_{i1})$  and  $K_{ci}(R_{i1})$  contained in the authentication **request** signal **received** from said communication processing unit in response to an i-th communication request, where in...

...with said deciphered authentication key  $X_{ci}$ , said second random number  $R_{i2}$  contained in said authentication **request** signal **received** from said communication processing unit is generated as said authentication response signal, where in the...first communication request, the validity of said authentication response signal  $K_a(R_{i2})$  received from said **communication** terminal is verified using said second authentication **key**  $K_a$  and said second random number  $R_{i2}$  and, in a second or subsequent communication request, the validity of said authentication response signal  $K_{ci}(R_{i2})$  received from said **communication** terminal is verified using said deciphered authentication **key**  $K_{ci}$  and said second random number  $R_{i2}$ ).

20. The communication terminal of claim 13 wherein:

said authentication **request** signal which is **received** from said communication processing unit (20) for each communication request contains, as first enciphered authentication...

...second pieces of enciphered authentication information  $K_b(R_i)$  and  $K_{ci}(R_i)$  contained in the authentication **request** signal **received** from said communication processing unit in response to an i-th communication request signal, where...

...deciphered authentication key  $K_{ci}$ , said first enciphered random number  $K_b(R_i)$  contained in said authentication **request** signal **received** from said communication processing unit, is generated as said authentication response signal, where in the...

...of  $i = 1$ ,  $K_{ci} = K_a$ .

21. The communication terminal of claim 13 wherein:

said authentication **request** signal which is **received** from said communication processing unit (20) for each communication request contains, as first enciphered authentication...

...second pieces of enciphered authentication information  $K_b(R_i)$  and  $K_{ci}(R_i)$  contained in the authentication **request** signal **received** from said communication processing unit in response to an i-th communication request signal, where...

...deciphered authentication key  $K_{ci}$ , said first enciphered random number  $K_b(R_i)$  contained in said authentication **request** signal **received** from said communication processing unit, is generated as said authentication response signal, where in the...subsequent communication request, the validity of said authentication response signal  $K_{ci}(R_i)$  received from said **communication** terminal is verified using said deciphered authentication **key**  $K_{ci}$  and said random number  $R_i$ .



DIALOG(R)File 348:EUROPEAN PATENTS  
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00494461

**Speech control apparatus**

**Gesprachswegkontrollapparat**

**Appareil de controle du transfert de la communication vocale**

PATENT ASSIGNEE:

CANON KABUSHIKI KAISHA, (542361), 30-2, 3-chome, Shimomaruko, Ohta-ku,

Tokyo, (JP), (Proprietor designated states: all)

INVENTOR:

Tsutsui, Yuichiro, c/o Canon Kabushiki Kaisha, 30-2, 3-chome, Shimomaruko  
, Ohta-ku, Tokyo, (JP)

Ogata, Minoru, c/o Canon Kabushiki Kaisha, 30-2, 3-chome, Shimomaruko,  
Ohta-ku, Tokyo, (JP)

**Suzuki, Shoji, c/o Canon Kabushiki Kaisha** , 30-2, 3-chome, Shimomaruko,  
Ohta-ku, Tokyo, (JP)

Tsuchida, Shinji, c/o Canon Kabushiki Kaisha, 30-2, 3-chome, Shimomaruko,  
Ohta-ku, Tokyo, (JP)

Arai, Shunji, c/o Canon Kabushiki Kaisha, 30-2, 3-chome, Shimomaruko,  
Ohta-ku, Tokyo, (JP)

Hiroki, Shigeru, c/o Canon Kabushiki Kaisha, 30-2, 3-chome, Shimomaruko,  
Ohta-ku, Tokyo, (JP)

LEGAL REPRESENTATIVE:

Santarelli (100892), 14, avenue de la Grande Armee, B.P. 237, 75822 Paris  
Cedex 17, (FR)

PATENT (CC, No, Kind, Date): EP 493991 A1 920708 (Basic)

EP 493991 B1 040310

APPLICATION (CC, No, Date): EP 91403270 911203;

PRIORITY (CC, No, Date): JP 90400382 901204; JP 90400383 901204; JP  
90400388 901204; JP 90400389 901204

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS (V7): H04M-003/54

ABSTRACT WORD COUNT: 83

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text                     | Language  | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A                           | (English) | EPABF1 | 409        |
| CLAIMS B                           | (English) | 200411 | 842        |
| CLAIMS B                           | (German)  | 200411 | 739        |
| CLAIMS B                           | (French)  | 200411 | 1068       |
| SPEC A                             | (English) | EPABF1 | 5432       |
| SPEC B                             | (English) | 200411 | 3896       |
| Total word count - document A      |           |        | 5841       |
| Total word count - document B      |           |        | 6545       |
| Total word count - documents A + B |           |        | 12386      |

INVENTOR:

... JP)

**Suzuki, Shoji, c/o Canon Kabushiki Kaisha** ...

...ABSTRACT to discriminate whether a transfer destination of a call can  
respond or not and a **control unit** to **control** a holding state of the  
call in accordance with the result of the discrimination. When a speech  
communication with the transfer destination can be performed, the

14/3,K/1 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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01313061 \*\*Image available\*\*

**METHOD FOR AT LEAST PARTIALLY COMPENSATING FOR ERRORS IN INK DOT PLACEMENT  
DUE TO ERRONEOUS ROTATIONAL DISPLACEMENT  
PROCEDE POUR LA COMPENSATION AU MOINS PARTIELLE D'ERREURS DANS LE PLACEMENT  
POINTS D'ENCRE DUES A UN DEPLACEMENT ROTATIONNEL ERRONE**

Patent Applicant/Assignee:

SILVERBROOK RESEARCH PTY LTD, 393 Darling Street, Balmain, New South  
Wales 2041, AU, AU (Residence), AU (Nationality), (For all designated  
states except: US)

Patent Applicant/Inventor:

WALMSLEY Simon Robert Walmsley, Silverbrook Research Pty Ltd, 393 Darling  
Street, Balmain, New South Wales 2041, AU, AU (Residence), AU  
(Nationality), (Designated only for: US)

SILVERBROOK Kia, Silverbrook Research Pty Ltd, 393 Darling Street,  
Balmain, New South Wales 2041, AU, AU (Residence), AU (Nationality),  
(Designated only for: US)

JACKSON PULVER Mark, Silverbrook Research Pty Ltd, 393 Darling Street,  
Balmain, New South Wales 2041, AU, AU (Residence), AU (Nationality),  
(Designated only for: US)

SHEAHAN John Robert, Silverbrook Research Pty Ltd, 393 Darling Street,  
Balmain, New South Wales 2041, AU, AU (Residence), AU (Nationality),  
(Designated only for: US)

PLUNKETT Richard Thomas, Silverbrook Research Pty Ltd, 393 Darling  
Street, Balmain, New South Wales 2041, AU, AU (Residence), AU  
(Nationality), (Designated only for: US)

WEBB Michael John, Silverbrook Research Pty Ltd, 393 Darling Street,  
Balmain, New South Wales 2041, AU, AU (Residence), AU (Nationality),  
(Designated only for: US)

MORPHETT Benjamin David, Silverbrook Research Pty Ltd, 393 Darling  
Street, Balmain, New South Wales 2041, AU, AU (Residence), AU  
(Nationality), (Designated only for: US)

Patent and Priority Information (Country, Number, Date):

Patent: WO 2005120835 A1 20051222 (WO 05120835)

Application: WO 2004AU706 20040527 (PCT/WO AU04000706)

Priority Application: WO 2004AU706 20040527

Designated States:

(All protection types applied unless otherwise stated - for applications  
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM  
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO  
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO  
SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 618378

14/3,K/2 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2006 WIPO/Univentio. All rts. reserv.

01251974      \*\*Image available\*\*

**METHODS AND APPARATUSES FOR DISTRIBUTING SYSTEM SECRET PARAMETER GROUP AND  
ENCRYPTED INTERMEDIATE KEY GROUP FOR GENERATING CONTENT ENCRYPTION AND  
DECRYPTION DEYS**

**PROCEDES ET APPAREILS PERMETTANT DE DISTRIBUER UN GROUPE DE PARAMETRES  
SYSTEME SECRETS ET UN GROUPE DE CLES INTERMEDIAIRES CRYPTÉES AFIN DE  
GENERER DES CLES DE CRYPTAGE ET DECRYPTAGE DE CONTENU**

Patent Applicant/Assignee:

MATSUSHITA ELECTRIC INDUSTRIAL CO LTD, 1006, Oaza Kadoma, Kadoma-shi,  
Osaka, 5718501, JP, JP (Residence), JP (Nationality), (For all  
designated states except: US)

Patent Applicant/Inventor:

NONAKA Masao, -- (Residence), -- (Nationality), (Designated only for: US)  
FUTA Yuichi, -- (Residence), -- (Nationality), (Designated only for: US)  
OHMORI Motoji, -- (Residence), -- (Nationality), (Designated only for:  
US)

YAMADA Shigeru, -- (Residence), -- (Nationality), (Designated only for:  
US)

INOUE Tetsuya, -- (Residence), -- (Nationality), (Designated only for:  
US)

KUMAZAKI Yoji, -- (Residence), -- (Nationality), (Designated only for:  
US)

Legal Representative:

NII Hiromori (agent), c/o NII Patent Firm, 3rd Floor, Shin-Osaka Suehiro  
Center Bldg., 11-26, Nishinakajima 3-chome, Yodogawa-ku, Osaka-shi,  
Osaka 532-0011, JP,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200559727 A1 20050630 (WO 0559727)

Application: WO 2004JP19141 20041215 (PCT/WO JP04019141)

Priority Application: JP 2003419766 20031217

Designated States:

(All protection types applied unless otherwise stated - for applications  
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM  
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK  
LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU  
SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU MC NL PL  
PT RO SE SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 47576

Fulltext Availability:

Detailed Description

Detailed Description

... update request information REQ to the intermediate key group  
encryption unit 615 (S6109).

The intermediate **key** group encryption **unit** 515 which  
**received** the **key** **update** **request** information REQ **accesses** to the  
-117

output apparatus correspondence information **storage** unit 614 and  
obtains all of the output apparatus identifiers AIDa to AIDn., the

individual...

14/3,K/3 (Item 3 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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01129704

**DEAD NOZZLE COMPENSATION**

**COMPENSATION D'UNE BUSE HORS ETAT DE FONCTIONNEMENT**

Patent Applicant/Assignee:

SILVERBROOK RESEARCH PTY LTD, 393 Darling Street, Balmain, New South  
Wales 2041, AU, AU (Residence), AU (Nationality), (For all designated  
states except: US)

Patent Applicant/Inventor:

WALMSLEY Simon Robert, Silverbrook Research Pty Ltd, 393 Darling Street,  
Balmain, New South Wales 2041, AU, AU (Residence), AU (Nationality),  
(Designated only for: US)

JACKSON PULVER Mark, Silverbrook Research Pty Ltd, 393 Darling Street,  
Balmain, New South Wales 2041, AU, AU (Residence), AU (Nationality),  
(Designated only for: US)

PLUNKETT Richard Thomas, Silverbrook Research Pty Ltd, 393 Darling  
Street, Balmain, New South Wales 2041, AU, AU (Residence), AU  
(Nationality), (Designated only for: US)

SHIPTON Gary, Silverbrook Research Pty Ltd, 393 Darling Street, Balmain,  
New South Wales 2041, AU, AU (Residence), GB (Nationality), (Designated  
only for: US)

SILVERBROOK Kia, Silverbrook Research Pty Ltd, 393 Darling Street,  
Balmain, New South Wales 2041, AU, AU (Residence), AU (Nationality),  
(Designated only for: US)

LAPSTUN Paul, Silverbrook Research Pty Ltd, 393 Darling Street, Balmain,  
New South Wales 2041, AU, AU (Residence), NO (Nationality), (Designated  
only for: US)

Legal Representative:

SILVERBROOK Kia (agent), Silverbrook Research Pty Ltd, 393 Darling  
Street, Balmain, New South Wales 2041, AU,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200450369 A1 20040617 (WO 0450369)

Application: WO 2003AU1616 20031202 (PCT/WO AU03001616)

Priority Application: AU 2002953134 20021202; AU 2002953135 20021202

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM  
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU  
SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE  
SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 387411

Fulltext Availability:

Claims

#### Claim

... Memory to Cache Icache In record. Contains the address of an Icache miss and various **control** signals  
mcio Memory to Cache Icache Out **record** . Contains the returned data from memory and various **control** signals  
mcidi Memory to Cache Dcache In record. Contains the address and data of a ...0] lword will be output on debugjata-out[N]  
11.9 INTERRUPT OPERATION  
The interrupt **controller unit** ( **see** chapter 14) generates an interrupt request by driving interrupt **request** lines with the appropriate interrupt level. LEON supports 15 levels of interrupt with level 15...

14/3,K/4 (Item 4 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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01066614 \*\*Image available\*\*

#### **METHOD AND SYSTEM FOR MEDIA**

#### **PROCEDE ET SYSTEME POUR CONTENU MULTIMEDIA**

##### Patent Applicant/Inventor:

RISAN Hank, 515 Washington Street, Santa Cruz, CA 95060, US, US  
(Residence), US (Nationality)

FITZGERALD Edward Vincent, 100 Peach Terrace, Santa Cruz, CA 95060, US,  
US (Residence), US (Nationality)

##### Legal Representative:

GALLENSON Mavis S (et al) (agent), Ladas & Parry, 5670 Wilshire  
Boulevard, Suite 2100, Los Angeles, CA 90036, US,

##### Patent and Priority Information (Country, Number, Date):

Patent: WO 200396340 A2 20031120 (WO 0396340)  
Application: WO 2003US14878 20030510 (PCT/WO US03014878)  
Priority Application: US 2002379979 20020510; US 2002378011 20020510; US  
2002218241 20020813; US 2002235293 20020904; US 2002304390 20021125; US  
2002325243 20021218; US 2003364643 20030210; US 2003451231 20030228; US  
2003430843 20030505; US 2003430477 20030505

##### Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE  
SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE  
SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 222812

##### Fulltext Availability:

Detailed Description

##### Detailed Description

... the communication network the media content list together with a

unique identification, in response to receiving the first request .

41

Additionally, the system includes means for transferring a second request for delivery of a...

14/3,K/5 (Item 5 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2006 WIPO/Univentio. All rts. reserv.

00933152 \*\*Image available\*\*

EXTENDED WEB ENABLED MULTI-FEATURED BUSINESS TO BUSINESS COMPUTER SYSTEM  
FOR RENTAL VEHICLE SERVICES

SYSTEME INFORMATIQUE ETENDU ENTRE ENTREPRISES, A FONCTIONS MULTIPLES,  
FONCTIONNANT SUR LE WEB, POUR DES SERVICES DE LOCATION DE VEHICULES

Patent Applicant/Assignee:

THE CRAWFORD GROUP INC, 600 Corporate Park Drive, St. Louis, MO 63105, US  
, US (Residence), US (Nationality), (For all designated states except:  
US)

Patent Applicant/Inventor:

WEINSTOCK Timothy Robert, 1845 Highcrest Drive, St. Charles, MO 63303, US  
, US (Residence), US (Nationality), (Designated only for: US)

DE VALLANCE Kimberly Amm, 2037 Silent Spring Drive, Maryland Heights, MO  
63043, US, US (Residence), US (Nationality), (Designated only for: US)

HASELHORST Randall Allan, 1016 Scenic Oats Court, Imperial, MO 63052, US,  
US (Residence), US (Nationality), (Designated only for: US)

KENNEDY Craig Stephen, 9129 Meadowglen Lane, St. Louis, MO 63126, US, US  
(Residence), US (Nationality), (Designated only for: US)

SMITH David Gary, 10 Venice Place Court, Wildwood, MO 63040, US, US  
(Residence), US (Nationality), (Designated only for: US)

TINGLE William T, 17368 Hilltop Ridge Drive, Eureka, MO 63025, US, US  
(Residence), US (Nationality), (Designated only for: US)

KLOPFENSTEIN Anita K, 433 Schwarz Road, O'Fallon, IL 62269, US, US  
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

HAFERKAMP Richard E (et al) (agent), HOWELL & HAFERKAMP, L.C., Suite  
1400, 7733 Forsyth Blvd., St. Louis, MO 63105-1817, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200267175 A2 20020829 (WO 0267175)

Application: WO 2001US51437 20011019 (PCT/WO US0151437)

Priority Application: US 2000694050 20001020

Parent Application/Grant:

Related by Continuation to: US 2000694050 20001020 (CIP)

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK  
SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 243912

Fulltext Availability:  
Detailed Description

Detailed Description

... Update

member, all information keyed here will automatically transfer to the  
Open Rental Ticket to **save** you and @ renter **time** .

**Key** Driver's License Information and Current Employer's Name.

Key Additional Driver Information: Name, Address...

?

18/3,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01805241

System and method for mutual authentication according to the challenge  
response principle thereby scrambling information for assessing a  
confidential data storage area

System und Methode zur gegenseitigen Authentifizierung, die dabei die  
Informationen zum Zugriff auf vertrauliche Datenbereiche verschlüsselt  
Dispositif de communication a authentication et systeme de communication  
a authentication

PATENT ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., (216880), 1006, Oaza Kadoma,  
Kadoma-shi, Osaka 571-8501, (JP), (Applicant designated States: all)

INVENTOR:

Shibata, Osamu, C-301 2-7, Higashiyamadai, Nishinomomiya-shi, Hyogo  
669-1133, (JP)

Yugawa, Taihei, 6-708-1-513, Gakuendaiwa-cho, Nara-shi Nara 631-0041,  
(JP)

Sekibe, Tsutomu, 4-22-7, Gotenyama, Takarazuka-shi, Hyogo 665-0841, (JP)

Hirota, Teruto, Room 306, 1-20-1, Kaji-machi, Morigushi-shi Osaka  
570-0015, (JP)

Saito, Yoshiyuki, 1-1-611 Koodu, Katano-shi Osaka 576-0053, (JP)

Otake, Toshihiko, 5-12, Misaku-cho, Nishinomiya-shi Hyogo 662-0095, (JP)

LEGAL REPRESENTATIVE:

Crawford, Andrew Birkby et al (29761), A.A. Thornton & Co., 235 High  
Holborn, London WC1V 7LE, (GB)

PATENT (CC, No, Kind, Date): EP 1473722 A2 041103 (Basic)  
EP 1473722 A3 050316

APPLICATION (CC, No, Date): EP 2004076907 010112;

PRIORITY (CC, No, Date): JP 20006989 000114; JP 200041317 000218

DESIGNATED STATES: DE; FR; GB; NL

RELATED PARENT NUMBER(S) - PN (AN):

EP 1164747 (EP 2001900731)

INTERNATIONAL PATENT CLASS (V7): G11B-020/00; H04L-009/32 ; H04L-029/06

ABSTRACT WORD COUNT: 113

NOTE:

Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text                     | Language  | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A                           | (English) | 200445 | 743        |
| SPEC A                             | (English) | 200445 | 6964       |
| Total word count - document A      |           |        | 7707       |
| Total word count - document B      |           |        | 0          |
| Total word count - documents A + B |           |        | 7707       |

...INTERNATIONAL PATENT CLASS (V7): H04L-009/32 ...

... H04L-029/06

...SPECIFICATION music information CT.

2.2 Memory Card 20

The memory card 20 includes the public key storage unit 201, a



random number seed storage unit 202, a random number seed update unit 203, the random number generation unit 204, the decryption unit 205, a separation unit 206, the mutual authentication unit 207, the...E5.

(2) Construction of the Memory Card 20b

The memory card 20b includes a public key storage unit 201, a random number seed storage unit 202, a random number seed update unit 203, a random number generation unit 204, a decryption unit 205, a separation unit 206, a mutual authentication unit 207, a...

18/3,K/2 (Item 2 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2006 European Patent Office. All rts. reserv.

01504244

**DATA ACCESS MANAGEMENT SYSTEM AND MANAGEMENT METHOD USING ACCESS CONTROL  
TICKET**

**DATENZUGRIFFSMANAGEMENTSYSTEM UND MANAGEMENTVERFAHREN MIT EINEM  
ZUGRIFFSSTEUERTICKET**

**SYSTEME DE GESTION D'ACCES AUX DONNEES ET PROCEDE DE GESTION UTILISANT UN  
BILLET DE COMMANDE D'ACCES**

**PATENT ASSIGNEE:**

Sony Corporation, (214028), 7-35, Kitashinagawa 6-chome, Shinagawa-ku,  
Tokyo 141-0001, (JP), (Applicant designated States: all)

**INVENTOR:**

YOSHINO, Kenji, c/o Sony Corporation, 7-35, Kitashinagawa 6-Chome,  
Shinagawa-Ku, Tokyo 141-0001, (JP)  
Ishibashi, Yoshihito, c/o Sony Corporation, 7-35, Kitashinagawa 6-Chome,  
Shinagawa-Ku, Tokyo 141-0001, (JP)  
SHIRAI, Taizo, c/o SONY CORPORATION, 7-35, Kitashinagawa 6-Chome,  
Shinagawa-Ku, Tokyo 141-0001, (JP)  
TAKADA, Masayuki, c/o Sony Corporation, 7-35, Kitashinagawa 6-Chome,  
Shinagawa-Ku, Tokyo 141-0001, (JP)

**LEGAL REPRESENTATIVE:**

Robinson, Nigel Alexander Julian et al (69551), D. Young & Co., 21 New  
Fetter Lane, London EC4A 1DA, (GB)

PATENT (CC, No, Kind, Date): EP 1303075 A1 030416 (Basic)  
WO 2002076013 020926

APPLICATION (CC, No, Date): EP 2002702791 020307; WO 2002JP2113 020307

PRIORITY (CC, No, Date): JP 200173353 010315

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): H04L-009/00 ; G09C-001/00; G06F-012/14;  
G06F-015/00; G06F-017/60; G06F-019/00; G06F-017/00; G06K-019/00

ABSTRACT WORD COUNT: 137

**NOTE:**

Figure number on first page: 0001

LANGUAGE (Publication,Procedural,Application): English; English; Japanese  
FULLTEXT AVAILABILITY:

| Available Text                | Language  | Update | Word Count |
|-------------------------------|-----------|--------|------------|
| CLAIMS A                      | (English) | 200316 | 8394       |
| SPEC A                        | (English) | 200316 | 79434      |
| Total word count - document A |           |        | 87828      |
| Total word count - document B |           |        | 0          |

...the identifier of the issuing means of the access control ticket indicated in the access **control** ticket received from said **access unit** and user information **stored** in a public **key** certificate of the issuing means of the access control ticket, and allows the data access...which serves as the using means of the access control ticket, indicated in the access **control** ticket received from said **access unit** and user information **stored** in a public **key** certificate of the using means of the access control ticket, and allows the data access...

...the identifier of the issuing means of the access control ticket indicated in the access **control** ticket received from said **access unit** and user information **stored** in a public **key** certificate of the issuing means of the access control ticket, and allows the data access...

...which serves as the using means of the access control ticket, indicated in the access **control** ticket received from said **access unit** and user information **stored** in a public **key** certificate of the using means of the access control ticket, and allows the data access...

18/3,K/3 (Item 3 from file: 348)  
 DIALOG(R) File 348:EUROPEAN PATENTS  
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01504243

**MEMORY ACCESS CONTROL SYSTEM AND MANAGEMENT METHOD USING ACCESS CONTROL TICKET**

**VORRICHTUNG ZUR SPEICHERZUGRIFFSTEUERUNG UND VERWALTUNGSVERFAHREN UNTER VERWENDUNG EINES SPEICHERZUGRIFFSTICKETS**

**SYSTEME DE CONTROLE D'ACCES A LA MEMOIRE ET PROCEDE DE GESTION FAISANT APPEL A UN TICKET DE CONTROLE D'ACCES**

PATENT ASSIGNEE:

Sony Corporation, (214028), 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001, (JP), (Applicant designated States: all)

INVENTOR:

YOSHINO, Kenji, c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku,, Tokyo 141-0001, (JP)  
 ISHIBASHI, Yoshihito, c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku,, Tokyo 141-0001, (JP)  
 SHIRAI, Taizo, c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku,, Tokyo 141-0001, (JP)  
 TAKADA, Masayuki, c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku,, Tokyo 141-0001, (JP)

LEGAL REPRESENTATIVE:

Mills, Julia et al (97061), D Young & Co, 21 New Fetter Lane, London EC4A 1DA, (GB)

PATENT (CC, No, Kind, Date): EP 1276271 A1 030115 (Basic)  
 WO 2002076012 020926

APPLICATION (CC, No, Date): EP 2002702790 020307; WO 2002JP2112 020307

PRIORITY (CC, No, Date): JP 200173352 010315

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): H04L-009/00 ; G09C-001/00; G06F-012/14; G06F-015/00; G06F-017/60; G06F-019/00; G06K-017/00; G06K-019/00

ABSTRACT WORD COUNT: 119

NOTE:

Figure number on first page: 0001

LANGUAGE (Publication,Procedural,Application): English; English; Japanese  
FULLTEXT AVAILABILITY:

| Available Text                     | Language  | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A                           | (English) | 200303 | 3051       |
| SPEC A                             | (English) | 200303 | 73024      |
| Total word count - document A      |           |        | 76075      |
| Total word count - document B      |           |        | 0          |
| Total word count - documents A + B |           |        | 76075      |

INTERNATIONAL PATENT CLASS (V7): H04L-009/00 ...

...SPECIFICATION A3. Device Manager Configuration  
A4. Partition Manager Configuration  
A5. Ticket User (Reader/Writer as Device Access Unit )  
Configuration  
A6. Public Key Certificate  
A7. Storage Data in Device Memory  
A7.1. Device-Unique-Information/Device-Partition-Information Area  
A7.2...

18/3,K/4 (Item 4 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2006 European Patent Office. All rts. reserv.

01327180

**AUTHENTICATION COMMUNICATION DEVICE AND AUTHENTICATION COMMUNICATION SYSTEM**  
**VORRICHTUNG UND SYSTEM ZUM AUTHENTIFIZIEREN EINER KOMMUNIKATION**  
**DISPOSITIF DE COMMUNICATION A AUTHENTIFICATION ET SYSTEME DE COMMUNICATION**  
**A AUTHENTIFICATION**

PATENT ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., (216883), 1006, Oaza-Kadoma,  
Kadoma-shi, Osaka 571-8501, (JP), (Proprietor designated states: all)

INVENTOR:

SHIBATA, Osamu, 1-16-22, Kikusuitoori, Moriguchi-shi, Osaka 570-0032,  
(JP)

YUGAWA, Taihei, 6-708-1-513, Gakuendaiwa-cho, Nara-shi, Nara 631-0041,  
(JP)

SEKIBE, Tsutomu, 5-49-34, Yamanoue, Hirakata-shi, Osaka 573-0047, (JP)

HIROTA, Teruto, Room306, 1-20-1, Kaji-machi, Moriguchi-shi, Osaka  
570-0015, (JP)

SAITO, Yoshiyuki, 1-1-611, Koodu, Katano-shi, Osaka 576-0053, (JP)

OTAKE, Toshihiko, 5-12, Misaku-cho, Nishinomiya-shi, Hyogo 662-0095, (JP)

LEGAL REPRESENTATIVE:

Crawford, Andrew Birkby et al (29762), A.A. Thornton & Co. 235 High  
Holborn, London WC1V 7LE, (GB)

PATENT (CC, No, Kind, Date): EP 1164747 A1 011219 (Basic)

EP 1164747 B1 040915

EP 1164747 B1 040915

WO 2001052474 010719

APPLICATION (CC, No, Date): EP 2001900731 010112; WO 2001JP159 010112

PRIORITY (CC, No, Date): JP 20006989 000114; JP 200041317 000218

DESIGNATED STATES: DE; FR; GB; NL

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

RELATED DIVISIONAL NUMBER(S) - PN (AN):

(EP 2004076907)

INTERNATIONAL PATENT CLASS (V7): G11B-020/00; H04L-009/32 ; H04L-009/08 ;  
G06F-017/60

ABSTRACT WORD COUNT: 113

NOTE:

Figure number on first page: NONE

LANGUAGE (Publication,Procedural,Application): English; English; Japanese  
FULLTEXT AVAILABILITY:

| Available Text                     | Language  | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A                           | (English) | 200151 | 1211       |
| CLAIMS B                           | (English) | 200438 | 1545       |
| CLAIMS B                           | (German)  | 200438 | 1361       |
| CLAIMS B                           | (French)  | 200438 | 1773       |
| SPEC A                             | (English) | 200151 | 6969       |
| SPEC B                             | (English) | 200438 | 6974       |
| Total word count - document A      |           |        | 8182       |
| Total word count - document B      |           |        | 11653      |
| Total word count - documents A + B |           |        | 19835      |

...INTERNATIONAL PATENT CLASS (V7): H04L-009/32 ...

... H04L-009/08

...SPECIFICATION music information CT.

## 2.2 Memory Card 20

The memory card 20 includes the public **key storage** unit 201, a random number **seed storage** unit 202, a random number **seed update** unit 203, the random number generation unit 204, the decryption unit 205, a separation unit 206, the mutual authentication unit 207, the...E5.

### (2) Construction of the Memory Card 20b

The memory card 20b includes a public **key storage** unit 201, a random number **seed storage** unit 202, a random number **seed update** unit 203, a random number generation unit 204, a decryption unit 205, a separation unit 206, a mutual authentication unit 207, a...

...SPECIFICATION music information CT.

## 2.2 Memory Card 20

The memory card 20 includes the public **key storage** unit 201, a random number **seed storage** unit 202, a random number **seed update** unit 203, the random number generation unit 204, the decryption unit 205, a separation unit 206, the mutual authentication unit 207, the...E5.

### (2) Construction of the Memory Card 20b

The memory card 20b includes a public **key storage** unit 201, a random number **seed storage** unit 202, a random number **seed update** unit 203, a random number generation unit 204, a decryption unit 205, a separation unit 206, a mutual authentication unit 207, a...

18/3,K/5 (Item 5 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2006 European Patent Office. All rts. reserv.

01311422

DATA DISTRIBUTION SYSTEM AND RECORDER FOR USE THEREIN

**DATENVERTEILUNGSVORRICHTUNG UND ZUGEHORIGES AUFZEICHNUNGSGERAT**  
**SYSTEME DE DISTRIBUTION DE DONNEES ET ENREGISTREUR UTILISE AVEC CE SYSTEME**  
**PATENT ASSIGNEE:**

Sanyo Electric Co., Ltd., (2206455), 5-5, Keihan-Hondori 2-chome,,  
Moriguchi-shi, Osaka 570-8677, (JP), (Applicant designated States: all)  
PFU LIMITED, (930123), Nu-98-2, Aza-Unoke, Unoke-machi, Kahoku-gun  
Ishikawa 929-1125, (JP), (Applicant designated States: all)  
FUJITSU LIMITED, (211463), 1-1, Kamikodanaka 4-chome, Nakahara-ku,  
Kawasaki-shi, Kanagawa 211-8588, (JP), (Applicant designated States:  
all)  
Hitachi, Ltd., (204145), 6 Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo  
101-8010, (JP), (Applicant designated States: all)  
Nippon Columbia Co., Ltd., (2395621), 14-14 Akasaka 4-chome, Minato-ku,  
Tokyo 107-8011, (JP), (Applicant designated States: all)

**INVENTOR:**

HORI, Yoshihiro, Sanyo Electric Co., Ltd., 5-5, Keihanhondori 2-chome,  
Moriguchi-shi, Osaka 570-8677, (JP)  
HIOKI, Toshiaki, Sanyo Electric Co., Ltd., 5-5, Keihanhondori 2-chome,  
Moriguchi-shi, Osaka 570-8677, (JP)  
KANAMORI, Miwa, Sanyo Electric Co., Ltd., 5-5, Keihanhondori 2-chome,  
Moriguchi-shi, Osaka 570-8677, (JP)  
TAKAHASHI, Masataka, PFU Limited, Aza Unoke Nu98-2, Unoke-machi,  
Kahoku-gun, Ishikawa 929-1192, (JP)  
HASEBE, Takayuki, Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku  
, Kawasaki-shi, Kanagawa 211-8588, (JP)  
YOSHIOKA, Makoto, Fujitsu Limited, 1-1, Kamikodanak 4-chome, Nakahara-ku,  
Kawasaki-shi, Kanagawa 211-8588, (JP)  
HATAKEYAMA, Takahisa, Fujitsu Limited, 1-1, Kamikodanaka 4-chome,  
Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, (JP)  
TONEGAWA, Tadaaki, Semicond. & Integr. Circuits, Hitachi, Ltd., 20-1,  
Josuihoncho 5-chome, Kodaira-shi, Tokyo 187-8588, (JP)  
ANAZAWA, Takeaki, Nippon Columbia Co., Ltd., 14-14, Akasaka 4-chome,  
Minato-ku, Tokyo 107-8011, (JP)

**LEGAL REPRESENTATIVE:**

Glawe. Delfs. Moll (100699), Patentanwalte Postfach 26 01 62, 80058  
Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1237326 A1 020904 (Basic)  
WO 2001043342 010614

APPLICATION (CC, No, Date): EP 2000979088 001205; WO 2000JP8593 001205

PRIORITY (CC, No, Date): JP 99346861 991206

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): H04L-009/32 ; G06F-012/14; G10K-015/02;  
G06F-013/00

ABSTRACT WORD COUNT: 86

**NOTE:**

Figure number on first page: 0006

LANGUAGE (Publication,Procedural,Application): English; English; Japanese  
FULLTEXT AVAILABILITY:

| Available Text                     | Language  | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A                           | (English) | 200236 | 4572       |
| SPEC A                             | (English) | 200236 | 13725      |
| Total word count - document A      |           |        | 18297      |
| Total word count - document B      |           |        | 0          |
| Total word count - documents A + B |           |        | 18297      |

INTERNATIONAL PATENT CLASS (V7): H04L-009/32 ...

...SPECIFICATION 110 controller 1420 in response to the acceptance of session key Ks2 and public encryption key Kpm(2) confirms access restriction information AC1 held in license information hold unit 1440.

Initially, the control confirms a corresponding reproduction frequency limit information Sub(underscore)Play stored in license information hold...

18/3,K/6 (Item 6 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2006 European Patent Office. All rts. reserv.

01308783

**DATA DISTRIBUTION SYSTEM AND RECORDER FOR USE THEREIN**  
**DATENVERTEILUNGSVORRICHTUNG UND ZUGEHORIGES AUFZEICHNUNGSGERAT**  
**SYSTEME DE DISTRIBUTION DE DONNEES ET ENREGISTREUR A UTILISER DANS CE**  
**SYSTEME**

**PATENT ASSIGNEE:**

Sanyo Electric Co., Ltd., (2206455), 5-5, Keihan-Hondori 2-chome,,  
Moriguchi-shi, Osaka 570-8677, (JP), (Applicant designated States: all)  
PFU LIMITED, (930123), Nu-98-2, Aza-Unoke, Unoke-machi, Kahoku-gun  
Ishikawa 929-1125, (JP), (Applicant designated States: all)  
FUJITSU LIMITED, (211463), 1-1, Kamikodanaka 4-chome, Nakahara-ku,  
Kawasaki-shi, Kanagawa 211-8588, (JP), (Applicant designated States:  
all)  
Hitachi, Ltd., (204145), 6 Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo  
101-8010, (JP), (Applicant designated States: all)  
Nippon Columbia Co., Ltd., (2395621), 14-14 Akasaka 4-chome, Minato-ku,  
Tokyo 107-8011, (JP), (Applicant designated States: all)

**INVENTOR:**

HORI, Yoshihiro Sanyo Electric Co., Ltd, 5-5, Keihanhondori 2-chome,  
Moriguchi-shi, Osaka 570-8677, (JP)  
HIOKI, Toshiaki Sanyo Electric Co., Ltd, 5-5, Keihanhondori 2-chome,  
Moriguchi-shi, Osaka 570-8677, (JP)  
KANAMORI, Miwa Sanyo Electric Co., Ltd, 5-5, Keihanhondori 2-chome,  
Moriguchi-shi, Osaka 570-8677, (JP)  
YOSHIKAWA, Takatoshi Sanyo Electric Co., Ltd, 5-5, Keihanhondori 2-chome,  
Moriguchi-shi, Osaka 570-8677, (JP)  
TAKEMURA, Hiroshi Sanyo Electric Co., Ltd, 5-5, Keihanhondori 2-chome,  
Moriguchi-shi, Osaka 570-8677, (JP)  
TAKAHASHI, Masataka PFU Limited, Nu98-2, Aza Unoke, Unoke-machi,  
Kahoku-gun, Ishikawa 929-1192, (JP)  
HASEBE, Takayuki Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku,  
Kawasaki-shi, Kanagawa 211-8588, (JP)  
FURUTA, Shigeki Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku,  
Kawasaki-shi, Kanagawa 211-8588, (JP)  
HATAKEYAMA, Takahisa Fujitsu Limited, 1-1, Kamikodanaka 4-chome,  
Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, (JP)  
TONEGAWA, Tadaaki Semiconductor & Integr. Circuits, Hitachi, Ltd 20-1,  
Josuihoncho 5-chome, Kodaira-shi, Tokyo 187-8588, (JP)  
ANAZAWA, Takeaki Nippon Columbia Co., Ltd, 14-14, Akasaka 4-chome,  
Minato-ku, Tokyo 107-8011, (JP)

**LEGAL REPRESENTATIVE:**

Glawe. Delfs. Moll (100699), Patentanwalte Postfach 26 01 62, 80058  
Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1237325 A1 020904 (Basic)  
WO 2001041359 010607

APPLICATION (CC, No, Date): EP 2000978048 001201; WO 2000JP8497 001201

PRIORITY (CC, No, Date): JP 99345244 991203  
DESIGNATED STATES: DE; FR; GB  
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI  
INTERNATIONAL PATENT CLASS (V7): H04L-009/32 ; G06F-012/14; G10K-015/02;  
G06F-013/00  
ABSTRACT WORD COUNT: 105  
NOTE:

Figure number on first page: 0005

LANGUAGE (Publication,Procedural,Application): English; English; Japanese  
FULLTEXT AVAILABILITY:

| Available Text                     | Language  | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A                           | (English) | 200236 | 5603       |
| SPEC A                             | (English) | 200236 | 14095      |
| Total word count - document A      |           |        | 19698      |
| Total word count - document B      |           |        | 0          |
| Total word count - documents A + B |           |        | 19698      |

INTERNATIONAL PATENT CLASS (V7): H04L-009/32 ...

...SPECIFICATION 110 controller 1420 in response to the acceptance of  
session key Ks2 and public encryption key Kpm(2) confirms access  
restriction information AC1 held in license information hold unit  
1440. As a result of confirming access control information AC1 if  
transferring a license is not allowed then at this stage the transfer...

18/3,K/7 (Item 7 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2006 European Patent Office. All rts. reserv.

00846550

**PARAMETERIZED HASH FUNCTIONS FOR ACCESS CONTROL**  
**PARAMETRIERBARE HASH-FUNKTIONEN ZUR ZUGANGSKONTROLLE**  
**FONCTIONS DE HACHAGE PARAMETREES POUR CONTROLE D'ACCES**  
PATENT ASSIGNEE:

INTEL CORPORATION, (322933), 2200 Mission College Boulevard, Santa Clara,  
CA 95052, (US), (Proprietor designated states: all)

INVENTOR:

AUCSMITH, David, W., 6995 S.W. Laber Road, Portland, OR 97225, (US)  
KNAUERHASE, Robert, C., 19000 N.W. Evergreen Parkway, No. 259, Hillsboro,  
OR 97124, (US)

LEGAL REPRESENTATIVE:

Wombwell, Francis et al (46021), Potts, Kerr & Co. 15, Hamilton Square  
Birkenhead, Merseyside L41 6B, (GB)

PATENT (CC, No, Kind, Date): EP 860064 A2 980826 (Basic)  
EP 860064 B1 050921  
WO 1997007657 970306

APPLICATION (CC, No, Date): EP 96924607 960719; WO 96US11925 960719

PRIORITY (CC, No, Date): US 519307 950825

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS (V7): H04L-009/32 ; G06F-001/00

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

| Available Text | Language  | Update | Word Count |
|----------------|-----------|--------|------------|
| CLAIMS B       | (English) | 200538 | 520        |
| CLAIMS B       | (German)  | 200538 | 499        |

|                                    |           |        |      |
|------------------------------------|-----------|--------|------|
| CLAIMS B                           | (French)  | 200538 | 620  |
| SPEC B                             | (English) | 200538 | 4599 |
| Total word count - document A      |           |        | 0    |
| Total word count - document B      |           |        | 6238 |
| Total word count - documents A + B |           |        | 6238 |

INTERNATIONAL PATENT CLASS (V7): H04L-009/32 ...

...SPECIFICATION unit 106 is coupled to bus 100. A set of keys that are associated with **access** rights within the computer system are **stored** in **access controller unit** 106. Each **key** defines the domain that a program operates in. The keys also define one or more...

...of an executable program, generating cipher text. Signature generator 221 uses keys which are composite **keys** of **keys** **stored** in **access control unit** 106. Each of the composite keys used in the cryptographic hash function are associated with...

18/3,K/8 (Item 1 from file: 349)  
 DIALOG(R)File 349:PCT FULLTEXT  
 (c) 2006 WIPO/Univentio. All rts. reserv.

01222908 \*\*Image available\*\*

# **SYSTEM AND METHOD FOR SECURE ACCESS**

## **SYSTEME ET PROCEDE ASSURANT UN ACCES SECURISE**

Patent Applicant/Assignee:

BCE INC, Suite 3700, 1000 De La Gauchetiere West, Montreal, Quebec H3B 4Y7, CA, CA (Residence), CA (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

YEAP Tet Hin, 675 Roosevelt Avenue, Ottawa, Ontario K2A 2A8, CA, CA (Residence), CA (Nationality), (Designated only for: US)  
 LOU Dafu, 45 Mann Avenue, Apt. 409, Ottawa, Ontario K1N 6Y7, CA, CA (Residence), CN (Nationality), (Designated only for: US)  
 O'BRIEN William G, 1583 Zachary Street, Orleans, Ontario K1C 6Z7, CA, CA (Residence), CA (Nationality), (Designated only for: US)

Legal Representative:

CURRIER Andrew T (et al) (agent), TORYS LLP, Maritime Life Tower, Suite 3000, P.O. Box 270, TD Centre, 79 Wellington Street West, Toronto, Ontario M5K 1N2, CA,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200532038 A1 20050407 (WO 0532038)  
 Application: WO 2004CA1732 20040923 (PCT/WO CA04001732)  
 Priority Application: US 2003673509 20030930

Designated States:

(All protection types applied unless otherwise stated - for applications 2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM  
 DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
 LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO  
 RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
 (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO  
 SE SI SK TR  
 (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
 (AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW  
 (EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English



Fulltext Word Count: 8573

Main International Patent Class (v7): H04L-009/00

International Patent Class (v7): H04L-009/14 ...

... H04L-009/32

Fulltext Availability:

Detailed Description

Detailed Description

... 38

Field 1 Field 2 Field 3 Field 4 Field 5 Field 6 Field 7

Record Phone Identification Access Access Expiry Time to Powerup

Number Number Controller 's Controller 's Period remain counter

Public Key Private Key active after

(Stores (Stores Field 2 (Stores disconnect (Stores

Field 1 of of...

...38

Field 1 Field 2 Field 3 Field 4 Field 5 Field 6 Field 7

Record Phone Identification Access Access Expiry Time to Powerup

Number Number Controller 's Controller 's Period remain counter

Public Key Private Key active after

(Stores (Stores Field 2 (StoresFiel disconnect (Stores

Field 1 of of...

18/3,K/9 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00884972 \*\*Image available\*\*

**PORTABLE ENCRYPTION KEYS IN A NETWORK ENVIRONMENT**

**CLES DE CHIFFREMENT DE RESEAU PORTABLE**

Patent Applicant/Assignee:

SUN MICROSYSTEMS INC, 901 San Antonio Road, Palo Alto, CA 94303, US, US

(Residence), US (Nationality)

Inventor(s):

KING James E, 75A Waterloo Road, Wokingham, Berkshire RG40 2JE, GB,

EVANS Stephen C, 33 Sandhill Way, Aylesbury, Buckinghamshire HP19 8GU, GB

MAYHEAD Martin P, Tuscaloosa, Tilford Road, Hindhead, Surrey GU26 6QY, GB

Legal Representative:

KIVLIN B Noel (agent), Conley, Rose & Tayon, P.C., P.O. Box 398, Austin,

TX 78767-0398, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200219073 A2-A3 20020307 (WO 0219073)

Application: WO 2001US25506 20010815 (PCT/WO US0125506)

Priority Application: GB 200021456 20000831

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ

EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL

TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 12037

International Patent Class (v7): H04L-009/32  
Fulltext Availability:  
Detailed Description

Detailed Description

... to return to the processing unit an access key

2

derived from the first encryption key to permit access to the secure storage portion. In this manner, controlled access by a processing unit to the secure storage portion can be achieved. The access controller can then be subsequently operable to respond to a command from the processing unit...

18/3,K/10 (Item 3 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2006 WIPO/Univentio. All rts. reserv.

00842390 \*\*Image available\*\*

**MOBILE RADIO COMMUNICATION SYSTEM**

**SYSTEME MOBILE DE RADIOCOMMUNICATION**

Patent Applicant/Assignee:

SIMOCO INTERNATIONAL LIMITED, St. Andrews Road, P.O. Box 24, Cambridge  
CB4 1DP, GB, GB (Residence), GB (Nationality), (For all designated  
states except: US)

Patent Applicant/Inventor:

RAYNE Mark Wentworth, 5 St. James Close, Stretham, Near Ely,  
Cambridgeshire CB6 3ND, GB, GB (Residence), GB (Nationality),  
(Designated only for: US)

Legal Representative:

FRANK B DEHN & CO (agent), 179 Queen Victoria Street, London EC4V 4EL, GB

Patent and Priority Information (Country, Number, Date):

Patent: WO 200176125 A2-A3 20011011 (WO 0176125)

Application: WO 2001GB1451 20010330 (PCT/WO GB0101451)

Priority Application: GB 20007874 20000331

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY BZ CA CH CN CO CR  
CU CZ CZ (utility model) DE DE (utility model) DK DK (utility model) DM  
DZ EE EE (utility model) ES FI FI (utility model) GB GD GE GH GM HR HU ID  
IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ  
NO NZ PL PT RO RU SD SE SG SI SK SK (utility model) SL TJ TM TR TT TZ UA  
UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 16022

Main International Patent Class (v7): H04L-009/12

Fulltext Availability:

Detailed Description

Detailed Description

... indicating that  
it has been tampered with and so is attempting to delete  
an encryption **key** it **stores**, and nothing further is  
**heard** from the mobile **unit**, the **key** management  
**controller** may discard the **key** stored in that mobile  
unit as it can determine, for example, that the mobile  
unit...

18/3,K/11 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2006 WIPO/Univentio. All rts. reserv.

00568583 \*\*Image available\*\*

**A METHOD AND APPARATUS FOR ACCESSING STORED DIGITAL PROGRAMS**

**PROCEDE ET APPAREIL PERMETTANT D'ACCEDER A DES PROGRAMMES NUMERIQUES  
MEMORISES**

Patent Applicant/Assignee:

SONY ELECTRONICS INC,

Inventor(s):

CANDELORE Brant L,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200031956 A2 20000602 (WO 0031956)

Application: WO 99US25819 19991103 (PCT/WO US9925819)

Priority Application: US 98110017 19981125; US 99410681 19991001

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA  
UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU  
TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG  
CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 10056

Main International Patent Class (v7): H04L-009/00

Fulltext Availability:

Claims

Claim

... creating at least one corresponding access key for each time period  
and  
including each access **key** for a given **time period** in the  
entitlement **control** message  
for the given **time period**; and  
**recording** the entitlement **control** messages including the  
corresponding **access keys** along with scrambled data.

8 The method of claim 7, wherein at least one time...period;  
means for creating an access key for each time period and including each

access key for a given time period in the entitlement control message for the given time period ; and means for recording the entitlement control messages including the corresponding access keys along with scrambled data.

39 An apparatus for providing access keys to descramble scrambled data... each time period; creating an access key for each time period and including each access key for a given time period in the entitlement control message for the given time period ; and recording the entitlement control messages including the corresponding access keys along with scrambled data.

45 A computer readable medium containing executable instructions, which, when executed...

18/3,K/12 (Item 5 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2006 WIPO/Univentio. All rts. reserv.

00510522 \*\*Image available\*\*

**RECORDING OF SCRAMBLED DIGITAL DATA**

**ENREGISTREMENT DE DONNEES NUMERIQUES BROUILLEES**

Patent Applicant/Assignee:

CANAL+ SOCIETE ANONYME,  
MAILLARD Michel,  
BENARDEAU Christian,

Inventor(s):

MAILLARD Michel,  
BENARDEAU Christian,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9941874 A1 19990819

Application: WO 99IB328 19990212 (PCT/WO IB9900328)

Priority Application: EP 98400344 19980213

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN  
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU  
ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE  
DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR  
NE SN TD TG

Publication Language: English

Fulltext Word Count: 6893

Main International Patent Class (v7): H04L-009/00

Fulltext Availability:

Claims

Claim

... comprising a key encryption apparatus adapted to encrypt the equivalent first key by a second key before communication to recording device, the access control unit possessing an equivalent of the second key so as to permit the decryption of the...

18/3,K/13 (Item 6 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2006 WIPO/Univentio. All rts. reserv.

00367330 \*\*Image available\*\*

**PARAMETERIZED HASH FUNCTIONS FOR ACCESS CONTROL**  
**FONCTIONS DE HACHAGE PARAMETREES POUR CONTROLE D'ACCES**

Patent Applicant/Assignee:

INTEL CORPORATION,  
AUCSMITH David W,  
KNAUERHASE Robert C,

Inventor(s):

AUCSMITH David W,  
KNAUERHASE Robert C,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9707657 A2 19970306  
Application: WO 96US11925 19960719 (PCT/WO US9611925)  
Priority Application: US 95519307 19950825

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BB BG BR BY CA CH CN CU CZ DE DE DK DK EE EE ES FI  
FI GB GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX  
NO NZ PL PT RO RU SD SE SG SI SK SK TJ TM TR TT UA UG US UZ VN KE LS MW  
SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT  
LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 5594

Main International Patent Class (v7): **H04L-009/32**

Fulltext Availability:

Detailed Description

Detailed Description

... of an  
executable program, generating cipher text. Signature generator 221 uses  
keys which are composite **keys** of **keys** stored in **access control**  
**unit** 106.

Each of the composite keys used in the cryptographic hash function are  
associated with...

?

? show files; ds; save temp; logoff hold

File 15:ABI/Inform(R) 1971-2006/Apr 04  
(c) 2006 ProQuest Info&Learning

File 9:Business & Industry(R) Jul/1994-2006/Apr 03  
(c) 2006 The Gale Group

File 275:Gale Group Computer DB(TM) 1983-2006/Apr 03  
(c) 2006 The Gale Group

File 621:Gale Group New Prod.Annou.(R) 1985-2006/Apr 03  
(c) 2006 The Gale Group

File 636:Gale Group Newsletter DB(TM) 1987-2006/Apr 03  
(c) 2006 The Gale Group

File 16:Gale Group PROMT(R) 1990-2006/Apr 04  
(c) 2006 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group

File 148:Gale Group Trade & Industry DB 1976-2006/Apr 03  
(c)2006 The Gale Group

File 610:Business Wire 1999-2006/Apr 04  
(c) 2006 Business Wire.

File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire

File 476:Financial Times Fulltext 1982-2006/Apr 05  
(c) 2006 Financial Times Ltd

File 624:McGraw-Hill Publications 1985-2006/Apr 04  
(c) 2006 McGraw-Hill Co. Inc

File 634:San Jose Mercury Jun 1985-2006/Apr 03  
(c) 2006 San Jose Mercury News

File 20:Dialog Global Reporter 1997-2006/Apr 04  
(c) 2006 Dialog

| Set | Items   | Description  |
|-----|---------|--|
| S1  | 426467  | (RECEIV??? OR ACCEPT??? OR ADMIT???) (7N) (REQUEST??? OR DEM-AND??? OR ASK??? OR QUERY??? OR QUERIES OR INQUIR??? OR REQUI-SITION? ? OR CHOOS???)  |
| S2  | 7785318 | KEY? ? OR BUTTON? ? OR TOUCH()PAD  |
| S3  | 258406  | S2(7N) (SEND??? OR TRANSFER??? OR FORWARD??? OR PASS??? OR -MOV??? OR TRANSMIT??? OR COMMUNICAT???)  |
| S4  | 1864014 | (CHANG? OR ADJUST? OR UPDAT? OR MODIF? OR ALTER? OR CONTRO-L? OR SUBSTITUT? ) (7N) (TIME OR PERIOD OR DURATION OR UNIT OR -ACTUAL OR REALTIME OR REAL()TIME)   |
| S5  | 2292257 | (STORE? ? OR STORING OR STORAGE OR ARCHIV?? OR RECORD OR R-ECORDING OR COLLECT??? OR KEEP??? OR RETAIN??? OR SAVE? ? OR -SAVING OR HOLD???) (7N) ((VIEW? OR ACCESS? OR SEE? OR WATCH? OR LOOK?) OR LISTEN? OR HEAR?) |
| S6  | 30      | AU=(SUZUKI, S? OR SUZUKI S?)   |
| S7  | 1       | S6 AND S3  |
| S8  | 2403    | S1(10N)S2  |
| S9  | 1       | S8(10N)S4  |
| S10 | 1       | S9 NOT S7  |
| S11 | 4       | S8(15N)S5  |
| S12 | 4       | S11 NOT (S7 OR S10)  |
| S13 | 3147    | S5(3N)S4   |
| S14 | 0       | S13(3N)S1  |

7/3,K/1 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2006 The Gale Group. All rts. reserv.

06806675 SUPPLIER NUMBER: 14463021 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Sensors for the future. (sensor technologies)**

Sasayama, Takao; **Suzuki, Seikoo**  
Automotive Engineering, v101, n8, p33(11)  
August, 1993

ISSN: 0098-2571 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 2712 LINE COUNT: 00227

... **Suzuki, Seikoo**

... Since vehicular information systems should have a telecommunication capability, an effective and miniature means to **transmit** and receive these electromagnetic signals should be **key** . Although such a device is not recognized as a sensor now, it will be produced...  
?

10/3,K/1 (Item 1 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2006 Dialog. All rts. reserv.

38745317 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**New rules will give more protection to mortgage borrowers**

Nick Bevens

SCOTSMAN, p51

November 01, 2004

JOURNAL CODE: FSCT LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 474

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... to see a slowdown in the number of products being released to market until some **time** next year."

As part of the **changes**, customers **asking** about a mortgage will **receive** a **key** facts document setting out the interest rate and its possible effect on payments and charges...

?



12/3,K/1 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2006 The Gale Group. All rts. reserv.

02771247 SUPPLIER NUMBER: 111273717 (USE FORMAT 7 OR 9 FOR FULL TEXT  
)

**Time Is Right For Database Encryption.**

MacVittie, Don  
Network Computing, 63  
Dec 9, 2003

ISSN: 1046-4468 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1823 LINE COUNT: 00145

... transmitting sensitive information over the Internet.

Each client with your homegrown apps should have a **key** to decrypt the data **received** from a database- **query** response. For externally developed applications, your best bet is to use **stored** procedures and **views** that decrypt and return the data. But even that might not be possible for all...

12/3,K/2 (Item 2 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2006 The Gale Group. All rts. reserv.

02758118 SUPPLIER NUMBER: 110974932 (USE FORMAT 7 OR 9 FOR FULL TEXT  
)

**How To Use Encryption On Database Contents; Tools for routinely encrypting database contents are becoming practical. Here's a quick guide on what to do and what to watch out for.**

MacVittir, Don  
InternetWeek, NA  
Dec 5, 2003

ISSN: 1096-9969 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1803 LINE COUNT: 00143

... transmitting sensitive information over the Internet.

Each client with your homegrown apps should have a **key** to decrypt the data **received** from a database- **query** response. For externally developed applications, your best bet is to use **stored** procedures and **views** that decrypt and return the data. But even that might not be possible for all...

12/3,K/3 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2006 The Gale Group. All rts. reserv.

07245218 Supplier Number: 61601276 (USE FORMAT 7 FOR FULLTEXT)

**Security Is Key PART II.(Technology Information)**

DeVoney, Chris  
Sm@rt Reseller, v3, n11, p57  
March 20, 2000

Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 506

... RA or CA before the certificate is issued.

Given its responsibility, the CA is the **heart** of PKI. The CA **stores** the certificates in a certificate repository and transmits certificates with the user's public **key** upon specific **request** by the **receiver**. The CA also is responsible for PKI management, which includes update, backup and restoration of...

12/3,K/4 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2006 The Gale Group. All rts. reserv.

16505233 SUPPLIER NUMBER: 110974932 (USE FORMAT 7 OR 9 FOR FULL TEXT  
)

**How To Use Encryption On Database Contents; Tools for routinely encrypting database contents are becoming practical. Here's a quick guide on what to do and what to watch out for.**

MacVittir, Don  
InternetWeek, NA  
Dec 5, 2003

ISSN: 1096-9969 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1803 LINE COUNT: 00143

... transmitting sensitive information over the Internet.  
Each client with your homegrown apps should have a **key** to decrypt the data **received** from a database- **query** response. For externally developed applications, your best bet is to use **stored** procedures and **views** that decrypt and return the data. But even that might not be possible for all...  
?

? show files; ds; save temp; logoff hold  
File 344:Chinese Patents Abs Jan 1985-2006/Jan  
(c) 2006 European Patent Office  
File 347:JAPIO Dec 1976-2005/Dec(Updated 060404)  
(c) 2006 JPO & JAPIO  
File 350:Derwent WPIX 1963-2006/UD,UM &UP=200622  
(c) 2006 Thomson Derwent

| Set | Items  | Description   |
|-----|--------|---|
| S1  | 66845  | (RECEIV??? OR ACCEPT??? OR ADMIT???) (7N) (REQUEST??? OR DEM-AND??? OR ASK??? OR QUERY??? OR QUERIES OR INQUIR??? OR REQUISITION? ? OR CHOOS???)  |
| S2  | 377995 | KEY? ? OR BUTTON? ? OR TOUCH()PAD   |
| S3  | 41222  | S2(7N) (SEND??? OR TRANSFER??? OR FORWARD??? OR PASS??? OR -MOV??? OR TRANSMIT??? OR COMMUNICAT???)   |
| S4  | 929686 | (CHANG? OR ADJUST? OR UPDAT? OR MODIF? OR ALTER? OR CONTROL? OR SUBSTITUT? ) (7N) (TIME OR PERIOD OR DURATION OR UNIT OR -ACTUAL OR REALTIME OR REAL()TIME)   |
| S5  | 141386 | (STORE? ? OR STORING OR STORAGE OR ARCHIV?? OR RECORD OR RECORDING OR COLLECT??? OR KEEP??? OR RETAIN??? OR SAVE? ? OR -SAVING OR HOLD???) (7N) ((VIEW? OR ACCESS? OR SEE? OR WATCH? OR LOOK?) OR LISTEN? OR HEAR?) |
| S6  | 27994  | AU=(SUZUKI, S? OR SUZUKI S?)  |
| S7  | 1115   | S6 AND S4   |
| S8  | 7      | S7 AND S1   |
| S9  | 2985   | S1 AND S2   |
| S10 | 796    | S9 AND S3   |
| S11 | 69     | S10 AND S4  |
| S12 | 2      | S11 AND S5  |
| S13 | 428472 | IC=(G06Q? OR H04K? OR H04L?)  |
| S14 | 20     | S13 AND S11   |
| S15 | 19     | S14 NOT S12   |

8/3,K/1 (Item 1 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2006 JPO & JAPIO. All rts. reserv.

07999358 \*\*Image available\*\*  
GATEWAY CARD, GATEWAY UNIT , METHOD FOR CONTROLLING GATEWAY, AND GATEWAY  
CONTROL PROGRAM

PUB. NO.: 2004-112117 [JP 2004112117 A]  
PUBLISHED: April 08, 2004 (20040408)  
INVENTOR(s): KIMURA MASATOSHI  
NONAKA KATSUYUKI  
SUZUKI SHUICHI  
SAKUMA SHIGEO  
APPLICANT(s): FUJITSU LTD  
APPL. NO.: 2002-269258 [JP 2002269258]  
FILED: September 13, 2002 (20020913)

GATEWAY CARD, GATEWAY UNIT , METHOD FOR CONTROLLING GATEWAY, AND GATEWAY  
CONTROL PROGRAM

INVENTOR(s): KIMURA MASATOSHI  
NONAKA KATSUYUKI  
SUZUKI SHUICHI  
SAKUMA SHIGEO

ABSTRACT

... TO BE SOLVED: To provide a gateway card which reduces the power  
consumption for remote control , a gate way unit , a method for  
controlling the gateway, and a gateway control program.

SOLUTION: The gateway card 510 connected to a personal computer 520  
regulates a communication protocol between different networks. The card 510  
receives a remote control request from a remote client 100 as a remote  
controller, and inputs remote control data to...

8/3,K/2 (Item 2 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2006 JPO & JAPIO. All rts. reserv.

07508728 \*\*Image available\*\*  
SOFTWARE ALTERATION SYSTEM FOR ELEVATOR

PUB. NO.: 2003-002551 [JP 2003002551 A]  
PUBLISHED: January 08, 2003 (20030108)  
INVENTOR(s): SUZUKI SHOTA  
APPLICANT(s): MITSUBISHI ELECTRIC BUILDING TECHNO SERVICE CO LTD  
APPL. NO.: 2001-192519 [JP 2001192519]  
FILED: June 26, 2001 (20010626)

INVENTOR(s): SUZUKI SHOTA

ABSTRACT

... cable 8, the elevator communication device 9A and the public line 3 at  
the same time . In the service center 1, when the alteration request  
data received via the two routes correspond to each other, the  
alteration elevator software is simultaneously transmitted...

8/3,K/3 (Item 3 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2006 JPO & JAPIO. All rts. reserv.

04375923 \*\*Image available\*\*  
INFORMATION PROCESSOR

PUB. NO.: 06-019823 [JP 6019823 A]  
PUBLISHED: January 28, 1994 (19940128)  
INVENTOR(s): SUZUKI SHIGEO  
APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 04-196159 [JP 92196159]  
FILED: June 30, 1992 (19920630)  
JOURNAL: Section: P, Section No. 1731, Vol. 18, No. 232, Pg. 81, April  
27, 1994 (19940427)

INVENTOR(s): SUZUKI SHIGEO

ABSTRACT

...I/O processing time calculation means 4 calculates expected input/output processing time for the **received** input/output **request**. When calculated input/output processing time is noticed to the computer system from an I/O processing time notice means 5, an I/O **control** switching means 12 changes over the control system of an input/output control means for...

8/3,K/4 (Item 4 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2006 JPO & JAPIO. All rts. reserv.

02979264 \*\*Image available\*\*  
AUTOMATIC RECEIVING TERMINAL EQUIPMENT IN CAPTAIN SYSTEM

PUB. NO.: 01-276864 [JP 1276864 A]  
PUBLISHED: November 07, 1989 (19891107)  
INVENTOR(s): KAMIBAYASHI YOSHIYUKI  
NAKAO TADAHIKO  
KOIWA YASUO  
SHIMAUCHI SHIGEYUKI  
SATO TETSUO  
MISAWA YASUO  
SUZUKI YOICHI  
URUNO TORU  
DOI MASAYUKI  
SUZUKI SHIGERU  
MIYAMOTO SUSUMU  
APPLICANT(s): KASEN JOHO CENTER [000000] (A Japanese Company or Corporation), JP (Japan)  
HITACHI LTD [000510] (A Japanese Company or Corporation), JP (Japan)  
TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP (Japan)  
MITSUBISHI ELECTRIC CORP [000601] (A Japanese Company or Corporation), JP (Japan)  
JAPAN RADIO CO LTD [000433] (A Japanese Company or Corporation), JP (Japan)  
FUJITSU LTD [000522] (A Japanese Company or Corporation), JP

(Japan)  
APPL. NO.: 63-105739 [JP 88105739]  
FILED: April 27, 1988 (19880427)  
JOURNAL: Section: E, Section No. 881, Vol. 14, No. 51, Pg. 5, January  
30, 1990 (19900130)

...INVENTOR(s): TADAHIKO  
KOIwai YASUO  
SHIMAUCHI SHIGEYUKI  
SATO TETSUO  
MISAWA YASUO  
SUZUKI YOICHI  
URUNO TORU  
DOI MASAYUKI  
**SUZUKI SHIGERU**  
MIYAMOTO SUSUMU

ABSTRACT

... equipment 50 to use a public communication network 30 provides a timing means 74, a **time** setting means 58, an activation **control** means 76 and an action schedule setting means 72. The terminal equipment is automatically activated by the activation **control** means 76 at the **time** set beforehand by the time setting means 58 and a prescribed action is automatically executed...

...at the time set beforehand by a user and the desired information picture can be **received** at a desired time by an automatic **request**.

8/3,K/5 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2006 Thomson Derwent. All rts. reserv.

016466768 \*\*Image available\*\*  
WPI Acc No: 2004-624693/200460  
XRPX Acc No: N04-494040

**Communication traffic control computing device for internal network e.g. corporate network, has traffic control computing unit that computes control algorithms based on control requests stored in storage device**

Patent Assignee: HITACHI LTD (HITA )

Inventor: ATARASHI Y; IKEDA N; **SUZUKI S**

Number of Countries: 003 Number of Patents: 003

Patent Family:

| Patent No      | Kind | Date     | Applicat No   | Kind | Date     | Week     |
|----------------|------|----------|---------------|------|----------|----------|
| US 20040158643 | A1   | 20040812 | US 2004758114 | A    | 20040116 | 200460 B |
| JP 2004242222  | A    | 20040826 | JP 200331837  | A    | 20030210 | 200460   |
| CN 1521993     | A    | 20040818 | CN 200439359  | A    | 20040130 | 200477   |

Priority Applications (No Type Date): JP 200331837 A 20030210

Patent Details:

| Patent No      | Kind | Lan | Pg | Main IPC    | Filing Notes |
|----------------|------|-----|----|-------------|--------------|
| US 20040158643 | A1   |     | 16 | G06F-015/16 |              |
| JP 2004242222  | A    |     | 14 | H04L-012/66 |              |
| CN 1521993     | A    |     |    | H04L-012/24 |              |

**Communication traffic control computing device for internal network e.g. corporate network, has traffic control computing unit that computes control algorithms based on control requests stored in storage device**

...Inventor: **SUZUKI S**

Abstract (Basic):

... The device has a traffic control computing unit that computes traffic control algorithms based on traffic control requests stored in storage device and received via a traffic control request interface. The computing unit compares a sender of a traffic control request for a match with any of traffic control information objects stored in the storage...

8/3,K/6 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 Thomson Derwent. All rts. reserv.

016156355 \*\*Image available\*\*

WPI Acc No: 2004-314242/200429

XRPX Acc No: N04-250265

Gateway card for computer, has power control unit that changes information processors power mode when receiving unit receives remote control request, and when setting of remote control data to remote apparatus is controlled

Patent Assignee: FUJITSU LTD (FUIT )

Inventor: KIMURA M; NONAKA K; SAKUMA S; SUZUKI S

Number of Countries: 002 Number of Patents: 002

Patent Family:

| Patent No      | Kind | Date     | Applicat No   | Kind | Date     | Week     |
|----------------|------|----------|---------------|------|----------|----------|
| US 20040052347 | A1   | 20040318 | US 2003658341 | A    | 20030910 | 200429 B |
| JP 2004112117  | A    | 20040408 | JP 2002269258 | A    | 20020913 | 200429   |

Priority Applications (No Type Date): JP 2002269258 A 20020913

Patent Details:

| Patent No      | Kind | Lan | Pg | Main IPC    | Filing Notes |
|----------------|------|-----|----|-------------|--------------|
| US 20040052347 | A1   |     | 14 | H04M-011/00 |              |
| JP 2004112117  | A    |     | 19 | H04Q-009/00 |              |

Gateway card for computer, has power control unit that changes information processors power mode when receiving unit receives remote control request, and when setting of remote control data to remote apparatus is controlled

...Inventor: SUZUKI S

Abstract (Basic):

... The card (510) has a power control unit that changes a power mode of an information processor from a power saving mode to a normal power mode when a receiving unit receives the remote control request. The power mode changes from the normal power mode to the power saving mode when...

... The power control unit effectively reduces the power consumption when apparatus are to be remote controlled by a gateway...

8/3,K/7 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 Thomson Derwent. All rts. reserv.

009729765 \*\*Image available\*\*

WPI Acc No: 1994-009615/199402

XRPX Acc No: N94-007739

Information processing system - uses selected optimal control system

based on calculated time for I-O process to improve processing efficiency

Patent Assignee: CANON KK (CANO )

Inventor: SUZUKI S

Number of Countries: 006 Number of Patents: 005

Patent Family:

| Patent No   | Kind | Date     | Applicat No | Kind | Date     | Week     |
|-------------|------|----------|-------------|------|----------|----------|
| EP 577370   | A1   | 19940105 | EP 93305039 | A    | 19930628 | 199402 B |
| US 5535418  | A    | 19960709 | US 9383272  | A    | 19930629 | 199633   |
|             |      |          | US 95517654 | A    | 19950822 |          |
| EP 577370   | B1   | 19980923 | EP 93305039 | A    | 19930628 | 199842   |
| DE 69321167 | E    | 19981029 | DE 621167   | A    | 19930628 | 199849   |
|             |      |          | EP 93305039 | A    | 19930628 |          |
| JP 3263135  | B2   | 20020304 | JP 92196159 | A    | 19920630 | 200219   |

Priority Applications (No Type Date): JP 92196159 A 19920630

Patent Details:

| Patent No   | Kind | Lan | Pg | Main IPC                      | Filing Notes                     |
|-------------|------|-----|----|-------------------------------|----------------------------------|
| EP 577370   | A1   | E   | 7  | G06F-013/24                   |                                  |
|             |      |     |    | Designated States (Regional): | DE FR GB IT                      |
| US 5535418  | A    |     | 7  | G06F-015/16                   | Cont of application US 9383272   |
| EP 577370   | B1   | E   |    | G06F-013/24                   |                                  |
|             |      |     |    | Designated States (Regional): | DE FR GB IT                      |
| DE 69321167 | E    |     |    | G06F-013/24                   | Based on patent EP 577370        |
| JP 3263135  | B2   |     | 5  | G06F-013/10                   | Previous Publ. patent JP 6019823 |

... uses selected optimal control system based on calculated time for I-O process to improve processing efficiency

Inventor: SUZUKI S

...Abstract (Basic): device has a reception device, a processor, calculation processing and information processing. The reception device **receives** the I/O **request** from the computer system, and is processed by the reception device. A processing time, required for the **received** I/O **request** , is calculated by the calculation processing...

...device. An I/O processing control system is selected on the basis of the processing **time** by the I/O processing **control** system selector. The controller controls an I/O process on the basis of the control...

...Abstract (Equivalent): reception means (3) for **receiving** an input/output **request** from said computer system (1...

...processing means (6) for processing the input/output **request received** by said reception means (3...

...estimation means (4) for calculating a processing time estimated to be required for processing the **received** input/output **request** by said processing means (6) in advance of actually processing the **received** input/output **request** ,

...

...second information means (7) for informing an end of the processing of the **received** input/output **request** by said processing means (6) to said computer system (1); and

?



12/3,K/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2006 Thomson Derwent. All rts. reserv.

017445517 \*\*Image available\*\*  
WPI Acc No: 2005-769196/200578  
XRPX Acc No: N05-635074

**Portable data storage device with flash memory, transmits encrypted  
key generated using stored secret key , on receiving data transmission  
from host computer**

Patent Assignee: TREK 2000 INT LTD (TREK-N)  
Inventor: LIM L C; OOI C S R; POO T P; TAN H; OOI C S; CHUAN L L; HENRY T;  
OOI CHIN SHYAN R; PIN P T

Number of Countries: 109 Number of Patents: 005

Patent Family:

| Patent No     | Kind | Date     | Applicat No   | Kind | Date     | Week     |
|---------------|------|----------|---------------|------|----------|----------|
| WO 2005103912 | A1   | 20051103 | WO 2004SG109  | A    | 20040426 | 200578 B |
| EP 1591867    | A2   | 20051102 | EP 2005250799 | A    | 20050211 | 200578   |
| JP 2005318525 | A    | 20051110 | JP 200545651  | A    | 20050222 | 200578   |
| SG 116669     | A1   | 20051128 | SG 20052829   | A    | 20050426 | 200606   |
| CN 1691575    | A    | 20051102 | CN 200567401  | A    | 20050418 | 200617   |

Priority Applications (No Type Date): WO 2004SG109 A 20040426

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 2005103912 A1 E 28 G06F-012/14

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ  
CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID  
IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ  
NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ  
UA UG US UZ VC VN YU ZA ZM ZW

Designated States (Regional): AT BE BG BW CH CY CZ DE DK EA EE ES FI FR  
GB GH GM GR HU IE IT KE LS LU MC MW MZ NA NL OA PL PT RO SD SE SI SK SL  
SZ TR TZ UG ZM ZW

EP 1591867 A2 E G06F-001/00

Designated States (Regional): AL AT BA BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HR HU IE IS IT LI LT LU LV MC MK NL PL PT RO SE SI SK TR YU

JP 2005318525 A 15 H04L-009/10

SG 116669 A1 G06F-012/14

CN 1691575 A H04L-009/00

**Portable data storage device with flash memory, transmits encrypted  
key generated using stored secret key , on receiving data transmission  
from host computer**

Abstract (Basic):

... An integrated circuit (13) e.g. smart card generates a **key** on  
**receiving** a data transmission **request** from a host computer. The  
generated **key** is encrypted using a secret **key** stored in the  
portable storage device and then transmitted to the host computer using  
an interface section (7). The device verifies the digital signature  
generated using the **received key** by the host for transmitting  
**requested** data.

... Enables to prevent unauthorized **accessing** of the portable data  
**storage** device efficiently, thereby providing high level security...

...master **control** **unit** (1...

...Title Terms: **KEY** ;

12/3,K/2 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2006 Thomson Derwent. All rts. reserv.

015185603 \*\*Image available\*\*

WPI Acc No: 2003-246136/200324

**System for transmitting video using internet and method for transmitting data thereof**

Patent Assignee: TECHNOVISION CO LTD (TECH-N); TECHNOVISION INC (TECH-N)

Inventor: CHOI S J; HWANG S G; KIM Y G; YOON T H

Number of Countries: 001 Number of Patents: 002

Patent Family:

| Patent No     | Kind | Date     | Applicat No  | Kind | Date     | Week     |
|---------------|------|----------|--------------|------|----------|----------|
| KR 2002078687 | A    | 20021019 | KR 200118525 | A    | 20010407 | 200324 B |
| KR 379002     | B    | 20030410 | KR 200118525 | A    | 20010407 | 200353   |

Priority Applications (No. Type Date): KR 200118525 A 20010407

Patent Details:

| Patent No     | Kind | Lan | Pg | Main IPC    | Filing Notes                        |
|---------------|------|-----|----|-------------|-------------------------------------|
| KR 2002078687 | A    |     | 1  | G06F-015/16 |                                     |
| KR 379002     | B    |     |    | G06F-015/16 | Previous Publ. patent KR 2002078687 |

Abstract (Basic):

... compresses the image. A memory device(17) stores video data created from the data creating unit (11). A time controller (12) detects a time of the stored video data, compares the time with a pre-set valid time, and deletes video data in which valid time is passed. A table(13) stores the stored video data as a table form. An access key creating unit(14) creates an access key having video data information of the current time and transmits the access key to the client PC(2) through the Internet network(3). An access key controller(16) checks and controls the received access key. An access key processing unit(21) reads the access key and requests video data to the server PC(1). A video processing unit(22) receives the requested video data from the server PC(1). A video output device(23) outputs the video...

?

15/3,K/1 (Item 1 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2006 JPO & JAPIO. All rts. reserv.

07967753 \*\*Image available\*\*

**KEY** CONTROL SYSTEM AND METHOD THEREFOR, AND **KEY** CONTROL PROGRAM

PUB. NO.: 2004-080512 [JP 2004080512 A]  
PUBLISHED: March 11, 2004 (20040311)  
INVENTOR(s): HOSOKAWA MATSUHISA  
APPLICANT(s): SEIKO EPSON CORP  
APPL. NO.: 2002-239564 [JP 2002239564]  
FILED: August 20, 2002 (20020820)

**KEY** CONTROL SYSTEM AND METHOD THEREFOR, AND **KEY** CONTROL PROGRAM

INTL CLASS: H04L-009/08

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a **key** control system and its method, and a **key** control program for safety encryption **communication** even for an apparatus with insufficient computer resources.

SOLUTION: When target apparatus 1A to 1C connected to a **controller unit** 2 for encryption communication through a home network 100 **receives** a **demand** of **key** generating information necessary for generating a **key** used in the encryption **communication**, the **key** generating information is read out by a memory means which stores the **key** generating information previously, to generate a **key** and **transmit** the **key** generating information to the **controller unit** 2. When the **controller unit** 2 receives the **key** generating information, the **controller unit** 2 **transmits** it to a **key** management server 3 connected to the **control unit** 2 through the Internet 200. When the **key** management server 3 receives the **key** generating information, the **key** management server 3 generates the **key** based on the **key** generating information, and **transmits** the **key** to the **controller unit** 2. When the **controller unit** 2 receives the **key**, the **controller unit** 2 **communicates** in encryption with the target apparatus 1A to 1C by using the **key**.

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15/3,K/2 (Item 2 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2006 JPO & JAPIO. All rts. reserv.

06127800 \*\*Image available\*\*

METHOD FOR CHANGING **KEY** USED FOR CHARGEABLE BROADCASTING, METHOD FOR RECEIVING **KEY**, AND RECEIVER

PUB. NO.: 11-069337 [JP 11069337 A]  
PUBLISHED: March 09, 1999 (19990309)  
INVENTOR(s): OI SHINICHI  
APPLICANT(s): TOSHIBA CORP  
APPL. NO.: 09-222289 [JP 97222289]

FILED: August 19, 1997 (19970819)

METHOD FOR CHANGING **KEY** USED FOR CHARGEABLE BROADCASTING, METHOD FOR RECEIVING **KEY** , AND RECEIVER

INTL CLASS: H04N-007/167; H04H-001/00; **H04L-009/08** ; H04N-007/16

ABSTRACT

PROBLEM TO BE SOLVED: To judge propriety for changing a work **key** used for chargeable broadcasting for that of a next period.

SOLUTION: A broadcasting station (the customer management system 15 and the PPV visuality information collection 17 of '1') **requests** the work **key** Kw to a **receiver** 43 through a **communication** line 19. The system control part 61 of the receiver 43 reads the work **key** Kw stored in the memory 52 of an individual information decoding part 51, supplies it...

... of '1'). The broadcasting station (15 and 17 of '1') inspects whether the sent work **key** Kw is updated or not. When more than the prescribed number of receivers hold the work **keys** Kw of the next **period** , they are **changed** to the work **keys** Kw of the work **keys** Kw used for chargeable broadcasting.

COPYRIGHT: (C)1999, JPO

15/3,K/3 (Item 3 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2006 JPO & JAPIO. All rts. reserv.

05993088 \*\*Image available\*\*  
PRIVACY COMMUNICATION METHOD

PUB. NO.: 10-276188 [JP 10276188 A]  
PUBLISHED: October 13, 1998 (19981013)  
INVENTOR(s): HONDO YASUHIRO  
APPLICANT(s): KAWATETSU JOHO SYST KK [000000] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 09-079523 [JP 9779523]  
FILED: March 31, 1997 (19970331)

INTL CLASS: **H04L-009/30** ; G09C-001/00; **H04L-009/14**

ABSTRACT

... the management and the operation of a user and security compatible by using an open **key** password algorithm, setting a **control** password **key** at the **time** of transferring **communication** **control** information to be different from a **communication** password **key** used for ciphering **communication** information and to be high in security intensity and appropriately using security intensity levels of the **communication** password **key** in accordance with **communication** information...

... permission to a communication request side and an opposite party when the condition of a **received** communication start **request** notice is adjusted. Both sides exchange a procedure before communication. The control password with high security intensity is used until then. Since the **communication** password **key** which is subsequently used is the open **key** password algorithm, the necessity of security is eliminated and the burden of the user can...

15/3,K/4 (Item 4 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2006 JPO & JAPIO. All rts. reserv.

04822814 \*\*Image available\*\*  
SCRAMBLE TRANSMISSION EQUIPMENT

PUB. NO.: 07-115414 [JP 7115414 A]  
PUBLISHED: May 02, 1995 (19950502)  
INVENTOR(s): KATSUTA NOBORU  
MURAKAMI HIRONORI  
IBARAKI SUSUMU  
NAKAMURA SEIJI  
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company  
or Corporation), JP (Japan)  
APPL. NO.: 05-260754 [JP 93260754]  
FILED: October 19, 1993 (19931019)

INTL CLASS: H04L-009/06 ; H04L-009/14 ; G09C-001/00; H04L-001/00

#### ABSTRACT

...CONSTITUTION: A scrambling **key** generator 1 generates random numbers based on a scramble **key** K at each time of **receiving** the scrambling **key request** signal from a code detection signal outputted for each slice and uses them as the scrambling **key** to initialize a random number generator 2. This generator 2 generates random numbers only at...

... adds random numbers to an original signal through an OR circuit 4, and the scramble **key** K is multiplexed by a multiplexer 5 to become a signal to be **transmitted**. On the reception side, a scrambling **key** is generated in a scrambling **key** generator 6 based on the scramble **key** K to initialize a random number generator 7, and data is reproduced. Consequently, reproducing is restored in a **time** shorter than the **update period** of the scramble **key** even in the case of the occurrence of bit error.

15/3,K/5 (Item 5 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2006 JPO & JAPIO. All rts. reserv.

01976569 \*\*Image available\*\*  
TELEMETERING DEVICE

PUB. NO.: 61-190669 [JP 61190669 A]  
PUBLISHED: August 25, 1986 (19860825)  
INVENTOR(s): YAMAUCHI KAZUO  
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 60-030789 [JP 8530789]  
FILED: February 19, 1985 (19850219)  
JOURNAL: Section: P, Section No. 536, Vol. 11, No. 15, Pg. 121,  
January 16, 1987 (19870116)

INTL CLASS: G06F-015/74; G08C-015/06; H04L-011/00 ; H04Q-009/00

ABSTRACT

PURPOSE: To handle collected data making time index **key** by **sending out transfer** request of collected data designating period from a host equipment, reading out collected data of...

...CONSTITUTION: The telemetering device is provided with a collection **controlling** section 1, a **time** adding section 2, a transfer **controlling** section 3, a display section 4, a transmission controlling section 5, a request judging section...

... Data from an inputting device 9 are stored in the memory 8 through the collection **controlling** section 1, **time** adding section 2 and memory **controlling** section 7. On **receiving** transfer **request** of collected data from the host equipment 10 designating **period**, the transfer **controlling** section 3 and request deciding section 6 read out collected data in the designated period...

15/3,K/6 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2006 Thomson Derwent. All rts. reserv.

017588271 \*\*Image available\*\*  
WPI Acc No: 2006-099526/200610  
XRPX Acc No: N06-086310

**Broadcast receiver in multimedia data transaction system, extracts scrambled multimedia data and metadata and descrambles multimedia data to-be-purchased by user by using received descramble key**

Patent Assignee: SAMSUNG ELECTRONICS CO LTD (SMSU )  
Inventor: KANG Y

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No      | Kind | Date     | Applicat No   | Kind | Date     | Week     |
|----------------|------|----------|---------------|------|----------|----------|
| US 20060015461 | A1   | 20060119 | US 2005175880 | A    | 20050707 | 200610 B |

Priority Applications (No Type Date): KR 200454814 A 20040714

Patent Details:

| Patent No      | Kind | Lan | Pg | Main IPC    | Filing Notes |
|----------------|------|-----|----|-------------|--------------|
| US 20060015461 | A1   |     | 14 | H04L-009/00 |              |

... **and metadata and descrambles multimedia data to-be-purchased by user by using received descramble key**

Abstract (Basic):

... and metadata in that signal. A memory stores extracted multimedia data and metadata. A data **transmitter / receiver** transmits a message **requesting** a descramble **key** and **receives** the descramble **key**. A **control unit** descrambles the multimedia data to-be-purchased by user, using the descramble **key**.

... to purchase. The multimedia data identification (ID) information is required to decrypt the encrypted descramble **key**, hence even if another broadcast receiver intercepts the encrypted descramble **key**, it cannot easily decrypt the encrypted descramble **key**. The user can **transmit** the descrambled multimedia data to another application terminal that is capable of using the multimedia...

...Title Terms: **KEY**

International Patent Class (Main): **H04L-009/00**

15/3,K/7 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2006 Thomson Derwent. All rts. reserv.

017324116 \*\*Image available\*\*  
WPI Acc No: 2005-647759/200566  
XRPX Acc No: N05-530636

**Encryption algorithm switching method for e.g. server computer, involves receiving algorithm negotiation request from client computer, where request specifies algorithm for communication between client and server computer**

Patent Assignee: MICROSOFT CORP (MICT )  
Inventor: JAGANATHAN K; ZHU L  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

| Patent No      | Kind | Date     | Applicat No   | Kind | Date     | Week     |
|----------------|------|----------|---------------|------|----------|----------|
| US 20050198490 | A1   | 20050908 | US 2004791035 | A    | 20040302 | 200566 B |

Priority Applications (No Type Date): US 2004791035 A 20040302

Patent Details:

| Patent No      | Kind | Lan Pg | Main IPC    | Filing Notes |
|----------------|------|--------|-------------|--------------|
| US 20050198490 | A1   | 22     | H04L-009/00 |              |

**Encryption algorithm switching method for e.g. server computer, involves receiving algorithm negotiation request from client computer, where request specifies algorithm for communication between client and server computer**

Abstract (Basic):

... The method involves **receiving** an encryption algorithm negotiation **request** from a client computer. The request specifies an encryption algorithm for subsequent communications between the client computer and a server computer. A subsession **key** is **send** to the client computer, where the **key** is used by the client computer in conjunction with the specified encryption algorithm to encrypt...  
... device, multi-processor system, microprocessor- based system, programmable consumer electronic, network PC appliance, light, environmental **control unit** , portable computer, gaming console, minicomputer and mainframe computer...

International Patent Class (Main): H04L-009/00

15/3,K/8 (Item 3 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2006 Thomson Derwent. All rts. reserv.

016454175 \*\*Image available\*\*  
WPI Acc No: 2004-612092/200459

**Ring file allocating method and system**

Patent Assignee: LG ELECTRONICS INC (GLDS )  
Inventor: LEE D O  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

| Patent No     | Kind | Date     | Applicat No  | Kind | Date     | Week     |
|---------------|------|----------|--------------|------|----------|----------|
| KR 2004041904 | A    | 20040520 | KR 200270006 | A    | 20021112 | 200459 B |

Priority Applications (No Type Date): KR 200270006 A 20021112

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
KR 2004041904 A 1 H04L-012/66

Abstract (Basic):

... A user terminal(300) uploads a ring file created by a user to an IP key phone system(310). A Web server(312) receives a connection request command from the user terminal(300) to perform a connection, and receives the ring file and transmits it to a ring file storing unit (314). A controller (316) communicates with an IP phone(320) and various gateways and controls the key phone system(310). If the IP phone(320) intends to register for the IP key phone system(310), it receives ring initialization information from the IP key phone system to initialize a ring, and receives a ring file corresponding to a ring file request command transmitted to the IP key phone system(310) and stores it. A instruction processor(322) communicates with the IP key phone system(310), and receives the ring file from the IP key phone system(310) and transmit it to a ring file storing unit(324). An audio processor(326) processes various tones...

International Patent Class (Main): H04L-012/66

15/3,K/9 (Item 4 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2006 Thomson Derwent. All rts. reserv.

015874617 \*\*Image available\*\*  
WPI Acc No: 2004-032448/200403  
XRPX Acc No: N04-025610

Communication device connected to e.g. refrigerator, updates secret key  
, when update request is received from another communication  
device, according to update content indicating specific secret key

Patent Assignee: TOSHIBA KK (TOKE )  
Inventor: AIZU H; SAITO T; TERAMOTO K; YAMAMOTO T  
Number of Countries: 003 Number of Patents: 003  
Patent Family:

| Patent No      | Kind | Date     | Applicat No   | Kind | Date     | Week     |
|----------------|------|----------|---------------|------|----------|----------|
| US 20030198349 | A1   | 20031023 | US 2003417170 | A    | 20030417 | 200403 B |
| JP 2004007567  | A    | 20040108 | JP 2003106772 | A    | 20030410 | 200405   |
| KR 2003082460  | A    | 20031022 | KR 200324014  | A    | 20030416 | 200415   |

Priority Applications (No Type Date): JP 2003106772 A 20030410; JP  
2002114185 A 20020417

Patent Details:

| Patent No      | Kind | Lan | Pg | Main IPC    | Filing Notes |
|----------------|------|-----|----|-------------|--------------|
| US 20030198349 | A1   |     | 18 | H04L-009/00 |              |
| JP 2004007567  | A    |     | 17 | H04L-009/08 |              |
| KR 2003082460  | A    |     |    | H04L-009/00 |              |

Communication device connected to e.g. refrigerator, updates secret key  
, when update request is received from another communication  
device, according to update content indicating specific secret key

Abstract (Basic):

... A communication unit performs communication with specific communication device, using a secret key used for authentication and encryption of communication information. An updating unit updates the secret key , when an update request is received from another communication device according to an update content



provided along with update request indicating specific **key** .  
... Enables updating secret **key** that serves as identity **pass**  
required for authentication/concealment of communication information,  
effectively. Suppresses the manufacturing cost and provides home...  
...Title Terms: **KEY** ;  
International Patent Class (Main): **H04L-009/00** ...

... **H04L-009/08**

**15/3,K/10** (Item 5 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2006 Thomson Derwent. All rts. reserv.

015081815 \*\*Image available\*\*  
WPI Acc No: 2003-142333/200314  
XRPX Acc No: N03-113029

**User operated device accessing method involves validating access key  
received from mobile device for granting access to user operated device**

Patent Assignee: NOKIA CORP (OYNO )  
Inventor: BOLLMANN T; BUNTE B; KRUMMEL H  
Number of Countries: 027 Number of Patents: 002  
Patent Family:  

| Patent No      | Kind | Date     | Applicat No   | Kind | Date     | Week     |
|----------------|------|----------|---------------|------|----------|----------|
| EP 1271418     | A1   | 20030102 | EP 2001115474 | A    | 20010627 | 200314 B |
| US 20030016828 | A1   | 20030123 | US 2002186223 | A    | 20020626 | 200314   |

Priority Applications (No Type Date): EP 2001115474 A 20010627

Patent Details:

| Patent No  | Kind | Lan | Pg | Main IPC    | Filing Notes |
|--|------|-----|----|-------------|--------------|
| EP 1271418   | A1   | E   | 13 | G07C-009/00 |              |
| Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT<br>LI LT LU LV MC MK NL PT RO SE SI TR |      |     |    |             |              |
| US 20030016828   | A1   |     |    | H04L-009/00 |              |

**User operated device accessing method involves validating access key  
received from mobile device for granting access to user operated device**

Abstract (Basic):

... An **inquiry received** from a user's mobile device is verified  
by a **key** authority (12) and an access **key** is assigned. The access  
**key** is **transmitted** to the mobile device through a wide area  
transmission network. A controller validates the access **key** received  
from the mobile device through a local area transmission network to  
grant access to...

... 2) **Controller unit** .

...

...Prevents misappropriation and misuse of access **key** , thus the user  
operated device having limited access is efficiently utilized...

... **Key** authority (12  
...Title Terms: **KEY** ;  
...International Patent Class (Main): **H04L-009/00**

**15/3,K/11** (Item 6 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2006 Thomson Derwent. All rts. reserv.

014639554      \*\*Image available\*\*  
WPI Acc No: 2002-460258/200249  
XRPX Acc No: N02-363347

**Internet based content distribution system for online shopping, includes  
log collection server that collects purchasing log from user terminal to  
transmit updated version of public key certificate to user**

Patent Assignee: SONY CORP (SONY )  
Number of Countries: 001    Number of Patents: 001  
Patent Family:

| Patent No     | Kind | Date     | Applicat No   | Kind | Date     | Week        |
|---------------|------|----------|---------------|------|----------|-------------|
| JP 2002140534 | A    | 20020517 | JP 2000334185 | A    | 20001101 | 200249    B |

Priority Applications (No Type Date): JP 2000334185 A 20001101

Patent Details:

| Patent No     | Kind | Lan | Pg | Main IPC    | Filing Notes |
|---------------|------|-----|----|-------------|--------------|
| JP 2002140534 | A    |     | 86 | G06F-017/60 |              |

... **for online shopping, includes log collection server that collects  
purchasing log from user terminal to transmit updated version of public  
key certificate to user**

Abstract (Basic):

...      A server (901) transmits selling confirmation data in response  
to a **request received** from a user terminal (902) after performing  
an authentication process using a public **key** certificate received  
from a user. A log collection server (903) **transmits** a updated  
version of the public **key** certificate, in response to collection of a  
purchasing log from the user terminal.

...      The public **key** certificate is effectively renewed during its  
expiry. Software sales is managed reliably as the sales confirmation is  
performed after authentication of public **key** certificate of the user  
...

...The figure shows the **control unit** structure of the shop server in  
the content distribution system. (Drawing includes non-English language  
...)

...Title Terms: **KEY** ;

...International Patent Class (Additional): **H04L-009/32**

**15/3,K/12      (Item 7 from file: 350)**  
DIALOG(R)File 350:Derwent WPIX  
(c) 2006 Thomson Derwent. All rts. reserv.

014106919      \*\*Image available\*\*  
WPI Acc No: 2001-591131/200167  
XRPX Acc No: N01-440381

**Method for managing virtual channels in a multicast session involves  
using key distributor to assign member to virtual channel if request  
for access to multicast data group is accepted**

Patent Assignee: NORTEL NETWORKS CORP (NELE )  
Inventor: LI Y  
Number of Countries: 026    Number of Patents: 004  
Patent Family:

| Patent No  | Kind | Date     | Applicat No   | Kind | Date     | Week        |
|------------|------|----------|---------------|------|----------|-------------|
| EP 1087566 | A2   | 20010328 | EP 2000650096 | A    | 20000804 | 200167    B |
| CA 2310519 | A1   | 20010321 | CA 2310519    | A    | 20000602 | 200167      |
| EP 1087566 | B1   | 20050330 | EP 2000650096 | A    | 20000804 | 200523      |

DE 60019049 E 20050504 DE 19049 A 20000804 200530  
EP 2000650096 A 20000804

Priority Applications (No Type Date): US 99400132 A 19990921

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 1087566 A2 E 16 H04L-012/18

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI

CA 2310519 A1 E H04L-012/18

EP 1087566 B1 E H04L-012/18

Designated States (Regional): DE FR GB

DE 60019049 E H04L-012/18 Based on patent EP 1087566

**Method for managing virtual channels in a multicast session involves  
using key distributor to assign member to virtual channel if request  
for access to multicast data group is accepted**

Abstract (Basic):

... The method is for distributing **keys** in a multicast domain. In  
a secure multicast domain, a request to join a multicast group for a  
**time period** occurs. A **key** distributor that **controls** access to  
the multicast data group determines if the **request** will be **accepted**  
. If the **request** is **accepted** the **key** distributor assigns the  
member to a virtual channel, wherein each virtual channel is defined by  
a time period. A data group **key** is **forwarded** to the member as is a  
virtual channel **key**. The member can then receive and decode events  
from the data group on the assigned...

... For distributing management **keys** in a multicast domain used to  
**transmit** messages across a network such as the Internet...

...The drawing shows a flow chart of the steps taken by a **key** distributor  
in determining if a user should become a member of a data group...

...Title Terms: **KEY** ;

International Patent Class (Main): **H04L-012/18**

International Patent Class (Additional): **H04L-009/00** ...

... **H04L-012/56** ...

... **H04L-029/06**

**15/3,K/13 (Item 8 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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013945488 \*\*Image available\*\*

WPI Acc No: 2001-429701/200146

Related WPI Acc No: 2001-423374; 2001-423375; 2001-429697; 2001-429698;  
2001-429699; 2001-429700; 2001-429702; 2001-436251; 2001-436252;  
2001-436253; 2001-436254; 2001-436255; 2001-436256; 2001-436257

XRPX Acc No: N01-319144

**Positional information service system used with public telephone set,  
provides positional information based on verification of transmitter  
identification of contact period relative to decoding request from  
receiver**

Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE )

Number of Countries: 001 Number of Patents: 002

Patent Family:

| Patent No     | Kind | Date     | Applicat No  | Kind | Date     | Week     |
|---------------|------|----------|--------------|------|----------|----------|
| JP 2001148740 | A    | 20010529 | JP 200083042 | A    | 20000323 | 200146 B |
| JP 3518473    | B2   | 20040412 | JP 200083042 | A    | 20000323 | 200425   |

Priority Applications (No Type Date): JP 99253640 A 19990907

Patent Details:

| Patent No     | Kind | Lan | Pg | Main IPC    | Filing Notes                        |
|---------------|------|-----|----|-------------|-------------------------------------|
| JP 2001148740 | A    |     | 26 | H04M-003/42 |                                     |
| JP 3518473    | B2   |     | 25 | H04M-003/42 | Previous Publ. patent JP 2001148740 |

... provides positional information based on verification of transmitter identification of contact period relative to decoding request from receiver

Abstract (Basic):

... 120) to transmit encrypted positional information to a receiver (300) via switching network (200). The **receiver** sets up **demand** for decoding the encrypted information to management center (400). The management center decodes the encrypted...

... The transmitter has an updating section (130) to update the **key** in accordance with the **key** delivered from the management center for a fixed period. Encoder (110) in the transmitter, encrypts...

...based on encrypted information. The management center has an updating section (450) to update the **transmitter** ID and a **key** delivery section (430) to deliver the updated ID to transmitter. INDEPENDENT CLAIMS are also included...

...Reduces communication cost between management center and receiver, as the recycling of data within an **updatation period** is performed using a memory...

...International Patent Class (Additional): H04L-009/08 ...

... H04L-009/14 ...

... H04L-009/32

15/3,K/14 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 Thomson Derwent. All rts. reserv.

013861819 \*\*Image available\*\*

WPI Acc No: 2001-346031/200137

XRPX Acc No: N01-250810

**Encryption algorithm management system prevents encryption algorithm form being used carelessly or dishonestly**

Patent Assignee: TOSHIBA KK (TOKE )

Inventor: ENDO N; OKADA K; TOCHIKUBO K

Number of Countries: 026 Number of Patents: 004

Patent Family:

| Patent No     | Kind | Date     | Applicat No   | Kind | Date     | Week     |
|---------------|------|----------|---------------|------|----------|----------|
| EP 1096720    | A2   | 20010502 | EP 2000121367 | A    | 20001011 | 200137 B |
| JP 2001194990 | A    | 20010719 | JP 2000325712 | A    | 20001025 | 200145   |
| EP 1096720    | B1   | 20051207 | EP 2000121367 | A    | 20001011 | 200582   |
| DE 60024565   | E    | 20060112 | DE 24565      | A    | 20001011 | 200613   |
|               |      |          | EP 2000121367 | A    | 20001011 |          |

Priority Applications (No Type Date): JP 99301842 A 19991025

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
|-----------|------|-----|----|----------|--------------|

|            |    |   |    |             |  |
|------------|----|---|----|-------------|--|
| EP 1096720 | A2 | E | 16 | H04L-009/08 |  |
|------------|----|---|----|-------------|--|

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT

LI LT LU LV MC MK NL PT RO SE SI

|               |   |  |    |             |  |
|---------------|---|--|----|-------------|--|
| JP 2001194990 | A |  | 13 | G09C-001/00 |  |
|---------------|---|--|----|-------------|--|

|            |    |   |  |             |  |
|------------|----|---|--|-------------|--|
| EP 1096720 | B1 | E |  | H04L-009/08 |  |
|------------|----|---|--|-------------|--|

Designated States (Regional): DE FR GB

|             |   |  |  |             |                            |
|-------------|---|--|--|-------------|----------------------------|
| DE 60024565 | E |  |  | H04L-009/08 | Based on patent EP 1096720 |
|-------------|---|--|--|-------------|----------------------------|

Abstract (Basic):

... A center unit includes a key controller configured to renew the common cipher-key so as to be identical with the renewed common cipher-key in case of receiving the demand from the transmitter. An encoder is configured to produce the encrypted data by encrypting a cipher-key with the renewed common cipher-key and to transmit the encrypted data to the terminal unit.

...International Patent Class (Main): H04L-009/08

International Patent Class (Additional): H04L-009/14

15/3,K/15 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 Thomson Derwent. All rts. reserv.

013446016 \*\*Image available\*\*

WPI Acc No: 2000-617959/200059

XRPX Acc No: N00-457877

**Encryption key generation method for wire/wireless communication , involves generating same encryption key in both originating and termination individual subscriber unit based on pseudo random number and new number**

Patent Assignee: AT & T CORP (AMTT )

Inventor: BUTLER T; WONG M

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No  | Kind | Date     | Applicat No | Kind | Date     | Week     |
|------------|------|----------|-------------|------|----------|----------|
| US 6094487 | A    | 20000725 | US 9834823  | A    | 19980304 | 200059 B |

Priority Applications (No Type Date): US 9834823 A 19980304

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
|-----------|------|-----|----|----------|--------------|

|            |   |  |    |             |  |
|------------|---|--|----|-------------|--|
| US 6094487 | A |  | 11 | H04K-001/00 |  |
|------------|---|--|----|-------------|--|

**Encryption key generation method for wire/wireless communication , involves generating same encryption key in both originating and termination individual subscriber unit based on pseudo random number and new...**

Abstract (Basic):

... in database and new number is generated. The originating and terminating ISUs generate same encryption key based on pseudo random number and new number.

... A pseudo random number is sent from central controller to originating individual subscriber unit (ISU). The authentication request received from originating ISU, contains atleast one of the ISU identification number, smart card identification number and ISU authentication key . The originating ISU generates encryption key

based on pseudo random number. The terminating ISU generates same encryption **key** as that originating ISU, based on pseudo random number and new number. An INDEPENDENT CLAIM is also included for encryption **key** generation system...

...Identical encryption **keys** are generated by both originating and terminating ISUs, without even exposing the encryption **key** over airwaves...

...Title Terms: **KEY** ;

International Patent Class (Main): **H04K-001/00**

**15/3,K/16** (Item 11 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2006 Thomson Derwent. All rts. reserv.

012955180 \*\*Image available\*\*  
WPI Acc No: 2000-127030/200011  
XRPX Acc No: N00-095732

**A secure connection method for communication between a wireless communication device, such as a cellular phone, and a data communication device uses sensitive data stored in a separate unit , such as a smart card, to control access**

Patent Assignee: NOKIA MOBILE PHONES LTD (OYNO ); NOKIA CORP (OYNO )

Inventor: IMMONEN O

Number of Countries: 087 Number of Patents: 015

Patent Family:

| Patent No     | Kind | Date     | Applicat No   | Kind | Date     | Week   |   |
|---------------|------|----------|---------------|------|----------|--------|---|
| WO 200002358  | A1   | 20000113 | WO 99EP4720   | A    | 19990702 | 200011 | B |
| AU 9947818    | A    | 20000124 | AU 9947818    | A    | 19990702 | 200027 |   |
| EP 1095492    | A1   | 20010502 | EP 99931255   | A    | 19990702 | 200125 |   |
|               |      |          | WO 99EP4720   | A    | 19990702 |        |   |
| BR 9911814    | A    | 20011016 | BR 9911814    | A    | 19990702 | 200170 |   |
|               |      |          | WO 99EP4720   | A    | 19990702 |        |   |
| CN 1316152    | A    | 20011003 | CN 99810446   | A    | 19990702 | 200205 |   |
| KR 2001071713 | A    | 20010731 | KR 2001700041 | A    | 20010103 | 200208 |   |
| JP 2002520911 | W    | 20020709 | WO 99EP4720   | A    | 19990702 | 200259 |   |
|               |      |          | JP 2000558643 | A    | 19990702 |        |   |
| EP 1095492    | B1   | 20040407 | EP 99931255   | A    | 19990702 | 200425 |   |
|               |      |          | WO 99EP4720   | A    | 19990702 |        |   |
|               |      |          | EP 200327916  | A    | 19990702 |        |   |
| EP 1408669    | A1   | 20040414 | EP 99931255   | A    | 19990702 | 200426 |   |
|               |      |          | EP 200327916  | A    | 19990702 |        |   |
| DE 69916277   | E    | 20040513 | DE 99616277   | A    | 19990702 | 200434 |   |
|               |      |          | EP 99931255   | A    | 19990702 |        |   |
|               |      |          | WO 99EP4720   | A    | 19990702 |        |   |
| CA 2466390    | A1   | 20000113 | CA 2336479    | A    | 19990702 | 200452 |   |
|               |      |          | CA 2466390    | A    | 19990702 |        |   |
| CN 1516387    | A    | 20040728 | CN 99810446   | A    | 19990702 | 200469 |   |
|               |      |          | CN 2003108418 | A    | 19990702 |        |   |
| ES 2219032    | T3   | 20041116 | EP 99931255   | A    | 19990702 | 200477 |   |
| KR 451557     | B    | 20041006 | WO 99EP4720   | A    | 19990702 | 200512 |   |
|               |      |          | KR 2001700041 | A    | 20010103 |        |   |
| CN 1126345    | C    | 20031029 | CN 99810446   | A    | 19990702 | 200554 |   |

Priority Applications (No Type Date): DK 98867 A 19980703

Patent Details:

| Patent No    | Kind | Lan | Pg | Main IPC    | Filing Notes |
|--------------|------|-----|----|-------------|--------------|
| WO 200002358 | A1   | E   | 33 | H04L-029/06 |              |

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN  
CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK  
SL TJ TM TR TT UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW

AU 9947818 A H04L-029/06 Based on patent WO 200002358

EP 1095492 A1 E H04L-029/06 Based on patent WO 200002358

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI

BR 9911814 A H04L-029/06 Based on patent WO 200002358

CN 1316152 A H04L-029/06

KR 2001071713 A H04L-012/22

JP 2002520911 W 38 H04L-009/08 Based on patent WO 200002358

EP 1095492 B1 E H04L-029/06 Related to application EP 200327916

Based on patent WO 200002358

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI

EP 1408669 A1 E H04L-029/06 Div ex application EP 99931255

Div ex patent EP 1095492

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT SE

DE 69916277 E H04L-029/06 Based on patent EP 1095492

Based on patent WO 200002358

CA 2466390 A1 E H04Q-007/20 Div ex application CA 2336479

CN 1516387 A H04L-009/32 Div ex application CN 99810446

ES 2219032 T3 H04L-029/06 Based on patent EP 1095492

KR 451557 B H04L-012/22 Previous Publ. patent KR 2001071713

Based on patent WO 200002358

CN 1126345 C H04L-029/06

... a cellular phone, and a data communication device uses sensitive data  
stored in a separate unit, such as a smart card, to control access

Abstract (Basic):

... a separate unit, such as a smart card, holding secure connection  
data. A data device **receives** a **request** and **chooses** a cryptation  
algorithm, associated with a public and a private **key**, and **transmits**  
a message back (100-105). The cellular phone generates a master secret  
code (106) and...

International Patent Class (Main): H04L-009/08 ...

... H04L-009/32 ...

... H04L-012/22 ...

... H04L-029/06

...International Patent Class (Additional): H04K-001/00 ...

... H04L-009/00 ...

... H04L-009/10 ...

... H04L-012/28

15/3,K/17 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 Thomson Derwent. All rts. reserv.

012468159      \*\*Image available\*\*  
WPI Acc No: 1999-274267/199923  
XRPX Acc No: N99-205825

**Session key management procedure for encryption communication system**  
- involves encoding message using session key generated by transmission  
side apparatus based on specific information and decoding message using  
session key generated by receiving side apparatus

Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE )

Number of Countries: 001    Number of Patents: 001

Patent Family:

| Patent No   | Kind | Date     | Applicat No | Kind | Date     | Week     |
|-------------|------|----------|-------------|------|----------|----------|
| JP 11088315 | A    | 19990330 | JP 97242973 | A    | 19970908 | 199923 B |

Priority Applications (No Type Date): JP 97242973 A 19970908

Patent Details:

| Patent No   | Kind | Lan | Pg | Main IPC    | Filing Notes |
|-------------|------|-----|----|-------------|--------------|
| JP 11088315 | A    |     | 9  | H04L-009/08 |              |

**Session key management procedure for encryption communication system**  
...

...involves encoding message using session key generated by transmission  
side apparatus based on specific information and decoding message using  
session key generated by receiving side apparatus

...Abstract (Basic): NOVELTY - Encoding of a message is carried out using  
the session **key** generated by transmission side user apparatus based  
on specific informations. The encrypted message and disclosure  
information for transmission are **transmitted** to receiving side user  
apparatus. Another session **key** generated by receiving side user  
apparatus using specific informations performs decoding of encoded  
message. DETAILED...

...Disclosure information for receiving is generated using user management  
confidential information and management information for **receiving** .  
During encryption communication when **request** for confidential  
information for transmission is **received** the corresponding  
information is generated and based on that information management  
information for transmission is...

...information and management information for transmission. A transmission  
side user apparatus generates a session **key** using confidential  
information for transmission and that for user management in  
transmission side apparatus and disclosure information for reception on  
receiving side user apparatus. The message encrypted using the session  
**key** is **transmitted** along with disclosure information for  
transmission to receiving side user apparatus. The receiving side user  
apparatus generates another session **key** using disclosure information  
for transmission, confidential information for receiving of receiving  
side user apparatus and user management confidential information. The  
encrypted message is decoded using the second session **key** . An  
INDEPENDENT CLAIM is included for describing recording medium storing  
**key** management program...

...is enhanced as the decoding of transmitted encrypted message is carried  
out based on session **key** generated by receiving side user apparatus.  
Security is further improved as session **key** is frequently **updated** ,



based on **time** information. DESCRIPTION OF DRAWING(S) - The figure shows block diagram of session **key** management system. (5) Upper layer management system...

...Title Terms: **KEY** ;

International Patent Class (Main): **H04L-009/08**

**15/3,K/18** (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011429558 \*\*Image available\*\*

WPI Acc No: 1997-407465/199738

XRPX Acc No: N97-338887

**File encipherment system used in computer network - has secret key encipherment unit which produces secret key using correspondence key , used to decode encrypted file**

Patent Assignee: OLYMPUS OPTICAL CO LTD (OLYU )

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No  | Kind | Date     | Applicat No | Kind | Date     | Week     |
|------------|------|----------|-------------|------|----------|----------|
| JP 9179768 | A    | 19970711 | JP 95333370 | A    | 19951221 | 199738 B |

Priority Applications (No Type Date): JP 95333370 A 19951221

Patent Details:

| Patent No  | Kind | Lan | Pg | Main IPC | Filing Notes |
|------------|------|-----|----|----------|--------------|
| JP 9179768 | A    |     | 13 |          |              |

... **has secret key encipherment unit which produces secret key using correspondence key , used to decode encrypted file**

...Abstract (Basic): The system includes a server appts which generates a secret **key** corresponding to a changing encrypted file name using a secret **key** formation unit (1240). An identification ID table (1210) **receives request** side inherent ID and outputs a **request** side correspondence **key** . Based on the secret **key** and the correspondence, the encryption technique is **changed** in an encipherment **unit** (1230 ...

...A controller (1220) is provided to **send** the secret **key** to a computer through a **communication** network. The computer stores the correspondence **key** in a correspondence **key** memory unit (1310). A secret **key** encipherment unit (1130) performs decoding of file relating secret **key** using the correspondence **key** . Using the secret **key** , decoding of encrypted file is performed...

...Title Terms: **KEY** ;

...International Patent Class (Additional): **H04L-009/16**

**15/3,K/19** (Item 14 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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007487208

WPI Acc No: 1988-121141/198818

XRPX Acc No: N88-091961

**Telecommunication security system and key memory module - matches codes**

from security units associated with service and user to open transmission gate

Patent Assignee: MANITOBA TELEPHONE SYSTEM (MANI-N); COMPUTREX CENT LTD (COMP-N)

Inventor: LEMIRE J R; POLLARD J A

Number of Countries: 016 Number of Patents: 006

Patent Family:

| Patent No   | Kind | Date     | Applicat No | Kind | Date     | Week     |
|-------------|------|----------|-------------|------|----------|----------|
| EP 266044   | A    | 19880504 | EP 87307833 | A    | 19870904 | 198818 B |
| JP 63139440 | A    | 19880611 | JP 87221800 | A    | 19870904 | 198829   |
| US 4897875  | A    | 19900130 | US 8792625  | A    | 19870903 | 199012   |
| CA 1283187  | C    | 19910416 |             |      |          | 199120   |
| EP 266044   | B1   | 19931229 | EP 87307833 | A    | 19870904 | 199401   |
| DE 3788621  | G    | 19940210 | DE 3788621  | A    | 19870904 | 199407   |
|             |      |          | EP 87307833 | A    | 19870904 |          |

Priority Applications (No Type Date): GB 8621333 A 19860904

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
|-----------|------|-----|----|----------|--------------|

|           |   |   |    |  |  |
|-----------|---|---|----|--|--|
| EP 266044 | A | E | 23 |  |  |
|-----------|---|---|----|--|--|

Designated States (Regional): AT BE CH DE ES FR GB GR IT LI LU NL SE

|            |   |  |    |  |  |
|------------|---|--|----|--|--|
| US 4897875 | A |  | 19 |  |  |
|------------|---|--|----|--|--|

|           |    |   |    |             |  |
|-----------|----|---|----|-------------|--|
| EP 266044 | B1 | E | 22 | H04M-001/66 |  |
|-----------|----|---|----|-------------|--|

Designated States (Regional): AT BE CH DE ES FR GB GR IT LI LU NL SE

|            |   |  |  |             |                           |
|------------|---|--|--|-------------|---------------------------|
| DE 3788621 | G |  |  | H04M-001/66 | Based on patent EP 266044 |
|------------|---|--|--|-------------|---------------------------|

**Telecommunication security system and key memory module...**

...Abstract (Basic): The first **unit** has a **control** circuit to extract from the memory one of the random numbers to communicate the number...

...of operation it extracts one of the random numbers from a different group. The second **unit** includes a **control** circuit arranged on receipt from the first **unit** of the random numbers to extract from its memory another random number of the group...

...USE/ADVANTAGE - For encryption, authentication, identification and/or digital signature. Allows encryption **keys** to be exchanged or **transferred** in any open communications environment (e.g. telephone, radio, etc.) without providing any information that attacker could use to discover **keys**, accommodates very rapid (less than one second) **key changes** at any **time** during established session...

...Abstract (Equivalent): A **key transfer** device for storing and transporting a plurality of numerical **keys** for use in a security system comprising a casing (215) forming an outer protection for...

...Abstract (Equivalent): on receipt of the ID code issues from one of the pairs the security code **request** signal. On matching the **received** code with the expected code a transmission gate is opened. The pairs are used in...

...The modules can be removed and the memory rewritten with fresh pairs of codes. The **key** includes a security logic circuit which controls access to the numbers to a fixed set...

...Title Terms: **KEY** ;

...International Patent Class (Additional): **H04L-009/02**

?